



## **DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION**

### **Classification 705/14.000 - 14.000**

[Link to MPEP Section 904 - How to Search](#)

[Link to MPEP Section 719.05 - Search Recordation](#)

[Link to USPTO Rules of the Road \(PDF DOC\)](#) when using Internet resources.

#### **General Search Guidance**

As general guidance, a complete search of the subject matter in this art area will include the following:

1. A classified search of the original classification class and subclass for the subject matter and the other highly relevant art areas in the US patent documents
2. A text search of the US patent documents; patents, PG PUB, and OCR databases
  - o Broad text search for the general inventive concept(s), not limited by classification
  - o Narrow text search for the specific claimed invention
  - o Boolean text search employing the relevant inventive terms
3. A search of the foreign patent documents, JPO, EPO, and World patents by a text search appropriate for abstract databases
4. A NPL search of the highly relevant databases
  - o Text search using care to distinguish between proper queries for full or abstract databases
  - o Other special databases as designated, if any

Additional searching may be appropriate at the professional discretion of the searcher. This search is normally expected to be completed prior to the indication of allowable subject matter; but is not per se required where the claimed and disclosed subject matter may not be appropriate for search in one or more resources. Further, for any additional appropriate databases for searching, the searcher may consult with the Electronic Information Center (EIC) in the Technology Center.

#### **Field of Search**

"When determining the field of search, three reference sources must be considered-domestic patent documents, foreign patent documents, and nonpatent literature (NPL). None of these sources can be eliminated from the search unless the examiner has and can justify a reasonable certainty that no references, more pertinent than those already identified, are likely to be found in the source(s) eliminated." (MPEP)

## **U. S. PATENT RESOURCES**

#### **EAST/WEST**

[EAST Coverage: 1971 - present, Full Text: 1971 - present](#)

[WEST Coverage: 1971 - present, Full Text: 1971 - present](#)

Full text patent and inventor searching.

Text search is the most useful search for this class because art can be found in many areas outside of 705. Text searching often involves the use of multiple synonyms and several concepts. Classification search can be used to limit search results. Inventor and/or assignee search can be helpful. Backward and forward citation searching has proven to be useful for this class.

#### **BRS Search/USOCR Database**

[EAST Coverage: 1920 - 1970, Full Text: 1920 - 1970](#)

[WEST Coverage: 1920 - 1970, Full Text: 1920 - 1970](#)

Full text of U.S. patent grants.

Text search is the most useful search for this class because art can be found in many areas outside of 705. Text searching often involves the use of multiple synonyms and several concepts. Classification search can be used to limit search results. Inventor and/or assignee search can be helpful.

**PGPUBS**

EAST Coverage: 2001 - present, Full Text: 2001 - present

WEST Coverage: 2001 - present, Full Text: 2001 - present

U.S. published applications.

Text search is the most useful search for this class because art can be found in many areas outside of 705. Text searching often involves the use of multiple synonyms and several concepts. Classification search can be used to limit search results. Inventor and/or assignee search can be helpful.

## FOREIGN PATENT RESOURCES

Search separately from the US Patent Search. These databases consist of abstract documents. Text searching abstracts requires the use of different search logic e.g. the use of broad Boolean and/or operators instead of narrow proximity operators.

**Derwent World Patents Index, Classification and Text Search**

EAST Coverage: 1963 - present, Full Text: - N/A

WEST Coverage: 1963 - present, Full Text: - N/A

English abstracts database of patent documents from more than 40 patent-issuing authorities.

This resource is used for text searching.

**EPO Abstracts, Text and Classification Search**

EAST Coverage: 1978 - present, Full Text: - N/A

WEST Coverage: 1978 - present, Full Text: - N/A

English abstracts database of patents and published applications from EPO, WO/PCT, United Kingdom, France, Germany, and Switzerland. USPC searching is limited to documents added to the database from 1978 to September 30, 1995.

This resource is used for text searching.

**EPO esp@cenet**

esp@cenet Coverage: 1920 - present, Full Text: 1920 - present

National patent information from all member states of the EPO as well as bibliographic data from patents worldwide.

This resource is used for document retrieval.

**European Patents Fulltext**

Dialog Coverage: 1978 - present, Full Text: 1986 - present

STN Coverage: 1978 - present, Full Text: 1987 - present

Covers all European patent applications and granted European patents published since the opening of the European Patent Office (EPO) in 1978, and bibliographic records for PCT (Patent Cooperation Treaty) applications transferred to the EPO.

Titles are available in three languages. English abstracts are added to German and French documents within several weeks of their addition to the database. Searched as part of the Business Methods template.

**FPAS3**

Coverage: - , Full Text: -

USPTO foreign patent document retrieval system.

**JPO Abstracts, Text and Classification Search**

EAST Coverage: 1976 - present, Full Text: - N/A

WEST Coverage: 1976 - present, Full Text: - N/A

English abstracts database of Japanese published unexamined applications. USPC searching is limited to documents added to the database from 1978 to September 30, 1995.

This resource is used for text searching.

**JPO Industrial Property Digital Library**

NCIPI Coverage: 1976 - present, Full Text: 1976 - present

Japanese patent information.

This resource is used for document retrieval.

**WIPO/PCT Patents Fulltext**

Coverage: 1978 - present, Full Text: 1978 - present

STN Coverage: 1978 - present, Full Text: 1978 - present

Full text Patent Cooperation Treaty (PCT) published applications.

This database covers the full text of PCT (Patent Cooperation Treaty) published applications issued under the auspices of the World Intellectual Property Organization (WIPO). Searched as part of the Business Methods template.

## NON-PATENT LITERATURE RESOURCES

The resources listed are those that USPTO staff have found consistently yield the most relevant search results. Commercial databases available through a single vendor can generally be searched simultaneously, although it is preferable to search full text and bibliographic databases in separate groupings. In addition to the use of subscription databases and public Internet sites, it is recommended that books, manuals, standards and specifications be considered in the search for prior art. The links in the Resource Description section lead to:

- Database search help sheets for databases requiring training and passwords
- Databases themselves when access is governed by IP address
- Internet sites available to the public (USPTO "Rules of the Road (PDF Doc)")
- Book and journal records via the Scientific and Technical Information Center's (STIC) online catalog

EIC 3600 staff performs NPL searches and helps examiners who need NPL search assistance. For suggestions on additional NPL resources to search, contact EIC3600.

**ABI/INFORM**

Dialog Coverage: 1971 - present, Full Text: 1991 - present

STN Coverage: 1971 - present, Full Text: 1991 - present

Covers worldwide business and management issues.

Includes details on various aspects of business, including company histories, competitive intelligence, and new product development.

**ACM Digital Library**

ACM Coverage: Dates - vary, Full Text: Dates - vary

Citations and full text articles from ACM journals, newsletters, and conference proceedings.

**Business & IndustryTM (B&I)**

Dialog Coverage: 1994 - present, Full Text: 1994 - present

Facts, figures, and key events dealing with public and private companies, industries, markets products for all manufacturing and service industries at an international level.

**Business Wire**

Dialog Coverage: 1999 - present, Full Text: 1999 - present

Full text of news releases issued by approximately 10,000 corporations, universities, research institutes, hospitals, and other organizations.

**CSA Aerospace & High Technology Database**

Dialog Coverage: 1962 - present, Full Text: - N/A

STN Coverage: 1962 - present, Full Text: - N/A

Provides references, abstracts, and controlled-vocabulary indexing of key scientific and technical documents.

Provides access to key scientific and technical documents covering aerospace R&D in over 40 countries.

**Dialog Global Reporter**

Dialog Coverage: 1997 - present, Full Text: 1997 - present

Global news source.

Covers newspapers, business magazines, and newswires from all regions of the world, including emerging markets. This resource may provide unique relevant information.

**Dictionary.com**

Lexico Publishing Group, LLC Coverage: - N/A, Full Text: - N/A

Multi-source dictionary search service.

Using a variety of dictionaries and encyclopedias can be useful in clarifying terminology.

**Dissertation Abstracts Online**

Dialog Coverage: 1861 - present, Full Text: - N/A

STN Coverage: 1861 - present, Full Text: - N/A

Subject, title, and author guide to virtually every American dissertation accepted at an accredited institution.

**Dissertations and Theses - Full Text**

ProQuest Coverage: 1861 - present, Full Text: Dates - vary

Doctoral dissertations and Master's theses.

**EBSCOhost Research Databases**

EBSCO Coverage: Dates - vary, Full Text: Dates - vary

Multi-source database of business, technical, and trade periodicals.

**European Newspapers**

Dialog Coverage: Dates - vary, Full Text: Dates - vary

OneSearch category:

This resource contains abstracts and full text of major European newspapers, which can be useful for covering local contests and other international news stories.

**Financial Times**

Dialog Coverage: 1982 - present, Full Text: 1982 - present

Daily newspaper of global affairs.

**Gale Group Computer Database™**

Dialog Coverage: 1983 - present, Full Text: 1988 - present

Information about the computer, electronics, and telecommunications industries.

**Gale Group Globalbase™**

Dialog Coverage: 1986 - 2002, Full Text: - N/A

Worldwide coverage of companies, products, and industries with a primary focus on Europe.

**Gale Group Marketing & Advertising Reference Service**

Dialog Coverage: 1984 - present, Full Text: 1984 - present

Multi-industry advertising and marketing database with abstracts and full text records on a wide variety of consumer products and services.

**Gale Group New Product Announcements/Plus (NPA/Plus)**

**Dialog Coverage: 1985 - present, Full Text: 1985 - present**

Full text press releases from all industries covering announcements related to products, with a focus on new products and services.

**Gale Group Newsletter Database™****Dialog Coverage: 1988 - present, Full Text: 1988 - present**

Full text of specialized industry newsletters that provide information on companies, products, markets, and technologies.

**Gale Group PROMT****Dialog Coverage: 1990 - present, Full Text: 1990 - present****STN Coverage: 1978 - present, Full Text: 1978 - present**

International coverage of companies, products, markets, and applied technologies for all industries.

**Gale Group Trade & Industry Database™****Dialog Coverage: 1976 - present, Full Text: 1976 - present**

Coverage of over 65 major industries, including full text coverage of management, economic, and other professional journals.

**Inside Conferences****Dialog Coverage: 1993 - present, Full Text: - N/A**

Contains details of all papers given at every congress, symposium, conference, exposition, workshop, and meeting received at the British Library Document Supply Centre.

**Inspec (The Database for Physics, Electronics and Computing)****Dialog Coverage: 1898 - present, Full Text: - N/A****Dialog DataStar Coverage: 1898 - present, Full Text: - N/A****Questel Orbit Coverage: 1969 - present, Full Text: - N/A****STN Coverage: 1898 - present, Full Text: - N/A**

Inspec (The Database for Physics, Electronics and Computing) corresponds to the three Science Abstracts print publications: Physics Abstracts, Electrical and Electronics Abstracts, and Computer and Control Abstracts.

**Internet and Personal Computing Abstracts****EBSCO Coverage: 1980's - present, Full Text: - N/A**

Literature related to personal computing products and developments in business, the Internet, the home, and all other applied areas.

**Journal of Commerce****Dialog Coverage: 1987 - present, Full Text: 1987 - present**

Provides the complete text of all news, columns, editorials, briefs, calendar listings, and selected tables that appear in the Five-Star edition of the business newspaper covering international trade and transportation issues.

**JSTOR Journals****JSTOR Coverage: Dates - vary, Full Text: Dates - vary**

Business collection brings together core titles in economics and finance, including many publications from the leading scholarly societies.

**McGraw-Hill Companies Publications Online****Dialog Coverage: 1985 - present, Full Text: 1985 - present**

Provides the complete text for many major McGraw-Hill publications.

The database covers specific industries such as aerospace, electronics, and construction.

**New York Times****Dialog Coverage: 1980 - present, Full Text: 1980 - present**

New York Times full text database.

**NTIS: National Technical Information Service**

Dialog Coverage: 1964 - present, Full Text: - N/A  
STN Coverage: 1964 - present, Full Text: - N/A

U.S. government-sponsored research, development, and engineering reports.

**OneLook® Dictionary Search**

OneLook® Coverage: - N/A, Full Text: - N/A

Collection of web-based dictionaries that define or translate words and phrases.

Using a variety of dictionaries and encyclopedias can be useful in clarifying terminology.

**PR Newswire**

Dialog Coverage: 1999 - present, Full Text: 1999 - present

Complete text of news releases prepared by U.S. companies, public relations agencies, trade associations, city, state, federal and municipal government agencies, and other sources covering the entire spectrum of news.

**ProQuest Direct**

ProQuest Coverage: Dates - vary, Full Text: 1986 - present

Current periodicals and newspapers, as well as archives of major newspapers.

This resource is useful in preliminary searching of an application.

**Safari Online Books**

ProQuest Coverage: -, Full Text: Dates - vary

Electronic reference library of technical books.

Books on software, the internet, business transactions etc. can provide useful information. Textbooks are also a good source of prior art and background information.

**San Jose Mercury News**

Dialog Coverage: 1985 - present, Full Text: 1985 - present

Full text file provides local, national, and international news coverage with particular emphasis on high technology and industry developments in Silicon Valley.

**TecInfoSource (formerly SoftBase: Reviews, Companies, and Products)**

Dialog Coverage: 1994 - present, Full Text: - N/A

Covers emerging technologies, established technology products and their track record in the marketplace across multiple industries.

**Transportation Research Information Services (TRIS)**

Dialog Coverage: 1968 - present, Full Text: - N/A

Provides international coverage of ongoing research projects, published journal articles, state and federal government reports, conference proceedings, research and technical papers, and monographs.

**U.S. Major Newspapers**

Dialog Coverage: Dates - vary, Full Text: Dates - vary

OneSearch category.

This resource contains abstracts and full text of major US newspapers.

**Wall Street Journal Abstracts**

Dialog Coverage: 1973 - present, Full Text: - N/A

Contains abstracts of all articles published in the Eastern 3-star Edition of The Wall Street Journal newspaper.

**Wilson Applied Science & Technology Abstracts**

Dialog Coverage: 1983 - present, Full Text: - N/A

Science and technology journal abstracts.

## INTERNET SEARCH TOOLS

An Internet search should be considered when a search of the other resources listed in this template fail to locate relevant prior art. Consideration must be given to the guidance provided in the Rules of the Road ([PDF](#) [DOC](#)) for Internet searching for patent applications.

### **Google Scholar**

Google Coverage: - N/A, Full Text: - N/A

Scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad areas of research.

Used to find scholarly materials on the Internet. Can pull up theses, and articles by applicant name.

### **Internet Archive**

Internet Archive Coverage: - N/A, Full Text: - N/A

Provides permanent access to historical collections that exist in digital format.

Used to date web pages, and to identify companies that were using something similar to the invention years ago.

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For comments and suggestions, contact [Karen Lehman](#) at 571-272-3496.

Please obey USPTO "Rules of the Road ([PDF](#) [Doc](#))" when using Internet resources.

If you cannot access a file because of a missing or non-working plugin, please contact the Help Desk at 2-9000 for installation assistance.

[Intranet Home](#) | [Index](#) | [Resources](#) | [Contacts](#) | [Internet](#) | [Search](#) | [Firewall](#) | [Web Services](#)

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## DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION

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#### General Search Guidance

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  - o Broad text search for the general inventive concept(s), not limited by classification
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  - o Boolean text search employing the relevant inventive terms
3. A search of the foreign patent documents, JPO, EPO, and World patents by a text search appropriate for abstract databases
4. A NPL search of the highly relevant databases
  - o Text search using care to distinguish between proper queries for full or abstract databases
  - o Other special databases as designated, if any

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WEST Coverage: 2001 - present, Full Text: 2001 - present  
U.S. published applications.

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This resource is used for text searching.

**EPO esp@cenet**

esp@cenet Coverage: 1920 - present, Full Text: 1920 - present  
National patent information from all member states of the EPO as well as bibliographic data from patents worldwide.

This resource is used for document retrieval.

**European Patents Fulltext**

Dialog Coverage: 1978 - present, Full Text: 1986 - present  
STN Coverage: 1978 - present, Full Text: 1987 - present  
Covers all European patent applications and granted European patents published since the opening of the European Patent Office (EPO) in 1978, and bibliographic records for PCT (Patent Cooperation Treaty) applications transferred to the EPO.

Titles are available in three languages. English abstracts are added to German and French documents within several weeks of their addition to the database. Searched as part of the Business Methods template.

**FPAS3**

Coverage: - , Full Text: -  
USPTO foreign patent document retrieval system.

**JPO Abstracts, Text and Classification Search**

EAST Coverage: 1976 - present, Full Text: - N/A  
WEST Coverage: 1976 - present, Full Text: - N/A  
English abstracts database of Japanese published unexamined applications. USPC searching is limited to documents added to the database from 1978 to September 30, 1995.

This resource is used for text searching.

**JPO Industrial Property Digital Library**

NCIPI Coverage: 1976 - present, Full Text: 1976 - present

Japanese patent information.

This resource is used for document retrieval.

**WIPO/PCT Patents Fulltext**

Coverage: 1978 - present, Full Text: 1978 - present

STN Coverage: 1978 - present, Full Text: 1978 - present

Full text Patent Cooperation Treaty (PCT) published applications.

This database covers the full text of PCT (Patent Cooperation Treaty) published applications issued under the auspices of the World Intellectual Property Organization (WIPO). Searched as part of the Business Methods template.

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- Database search help sheets for databases requiring training and passwords
- Databases themselves when access is governed by IP address
- Internet sites available to the public (USPTO "Rules of the Road ([PDF Doc](#))")
- Book and journal records via the Scientific and Technical Information Center's (STIC) online catalog

EIC 3600 staff performs NPL searches and helps examiners who need NPL search assistance. For suggestions on additional NPL resources to search, contact [EIC3600](#).

**ABI/INFORM**

Dialog Coverage: 1971 - present, Full Text: 1991 - present

STN Coverage: 1971 - present, Full Text: 1991 - present

Covers worldwide business and management issues.

Includes details on various aspects of business, including company histories, competitive intelligence, and new product development.

**ACM Digital Library**

ACM Coverage: Dates - vary, Full Text: Dates - vary

Citations and full text articles from ACM journals, newsletters, and conference proceedings.

**Business & IndustryTM (B&I)**

Dialog Coverage: 1994 - present, Full Text: 1994 - present

Facts, figures, and key events dealing with public and private companies, industries, markets products for all manufacturing and service industries at an international level.

**Business Wire**

Dialog Coverage: 1999 - present, Full Text: 1999 - present

Full text of news releases issued by approximately 10,000 corporations, universities, research institutes, hospitals, and other organizations.

**CSA Aerospace & High Technology Database**

Dialog Coverage: 1962 - present, Full Text: - N/A

STN Coverage: 1962 - present, Full Text: - N/A

Provides references, abstracts, and controlled-vocabulary indexing of key scientific and technical documents.

Provides access to key scientific and technical documents covering aerospace R&D in over 40 countries.

**Dialog Global Reporter**

Dialog Coverage: 1997 - present, Full Text: 1997 - present

Global news source.

Covers newspapers, business magazines, and newswires from all regions of the world, including emerging markets. This resource may provide unique relevant information.

**Dictionary.com**

Lexico Publishing Group, LLC Coverage: - N/A, Full Text: - N/A

Multi-source dictionary search service.

Using a variety of dictionaries and encyclopedias can be useful in clarifying terminology.

**Dissertation Abstracts Online**

Dialog Coverage: 1861 - present, Full Text: - N/A

STN Coverage: 1861 - present, Full Text: - N/A

Subject, title, and author guide to virtually every American dissertation accepted at an accredited institution.

**Dissertations and Theses - Full Text**

ProQuest Coverage: 1861 - present, Full Text: Dates - vary

Doctoral dissertations and Master's theses.

**EBSCOhost Research Databases**

EBSCO Coverage: Dates - vary, Full Text: Dates - vary

Multi-source database of business, technical, and trade periodicals.

**European Newspapers**

Dialog Coverage: Dates - vary, Full Text: Dates - vary

OneSearch category.

This resource contains abstracts and full text of major European newspapers, which can be useful for covering local contests and other international news stories.

**Financial Times**

Dialog Coverage: 1982 - present, Full Text: 1982 - present

Daily newspaper of global affairs.

**Gale Group Computer Database™**

Dialog Coverage: 1983 - present, Full Text: 1988 - present

Information about the computer, electronics, and telecommunications industries.

**Gale Group Globalbase™**

Dialog Coverage: 1986 - 2002, Full Text: - N/A

Worldwide coverage of companies, products, and industries with a primary focus on Europe.

**Gale Group Magazine Database™**

Dialog Coverage: 1959 - present, Full Text: 1983 - present

Full text articles on automobiles, finance, sports/recreation, food, and health.

**Gale Group Marketing & Advertising Reference Service**

Dialog Coverage: 1984 - present, Full Text: 1984 - present

Multi-industry advertising and marketing database with abstracts and full text records on a wide variety of consumer products and services.

**Gale Group New Product Announcements/Plus (NPA/Plus)**

Dialog Coverage: 1985 - present, Full Text: 1985 - present

Full text press releases from all industries covering announcements related to products, with a focus on new products and services.

**Gale Group Newsletter Database™**

Dialog Coverage: 1988 - present, Full Text: 1988 - present

Full text of specialized industry newsletters that provide information on companies, products, markets, and technologies.

**Gale Group PROMT**

Dialog Coverage: 1990 - present, Full Text: 1990 - present

STN Coverage: 1978 - present, Full Text: 1978 - present

International coverage of companies, products, markets, and applied technologies for all industries.

**Gale Group Trade & Industry Database™**

Dialog Coverage: 1976 - present, Full Text: 1976 - present

Coverage of over 65 major industries, including full text coverage of management, economic, and other professional journals.

**Inside Conferences**

Dialog Coverage: 1993 - present, Full Text: - N/A

Contains details of all papers given at every congress, symposium, conference, exposition, workshop, and meeting received at the British Library Document Supply Centre.

**Inspec (The Database for Physics, Electronics and Computing)**

Dialog Coverage: 1898 - present, Full Text: - N/A

Dialog DataStar Coverage: 1898 - present, Full Text: - N/A

Questel Orbit Coverage: 1969 - present, Full Text: - N/A

STN Coverage: 1898 - present, Full Text: - N/A

Inspec (The Database for Physics, Electronics and Computing) corresponds to the three Science Abstracts print publications: Physics Abstracts, Electrical and Electronics Abstracts, and Computer and Control Abstracts.

**Internet and Personal Computing Abstracts**

EBSCO Coverage: 1980's - present, Full Text: - N/A

Literature related to personal computing products and developments in business, the Internet, the home, and all other applied areas.

**Journal of Commerce**

Dialog Coverage: 1987 - present, Full Text: 1987 - present

Provides the complete text of all news, columns, editorials, briefs, calendar listings, and selected tables that appear in the Five-Star edition of the business newspaper covering international trade and transportation issues.

**JSTOR Journals**

JSTOR Coverage: Dates - vary, Full Text: Dates - vary

Business collection brings together core titles in economics and finance, including many publications from the leading scholarly societies.

**McGraw-Hill Companies Publications Online**

Dialog Coverage: 1985 - present, Full Text: 1985 - present

Provides the complete text for many major McGraw-Hill publications.

The database covers specific industries such as aerospace, electronics, and construction.

**New York Times**

Dialog Coverage: 1980 - present, Full Text: 1980 - present

New York Times full text database.

**NTIS: National Technical Information Service**

Dialog Coverage: 1964 - present, Full Text: - N/A

STN Coverage: 1964 - present, Full Text: - N/A

U.S. government-sponsored research, development, and engineering reports.

**OneLook® Dictionary Search**

OneLook® Coverage: - N/A, Full Text: - N/A

Collection of web-based dictionaries that define or translate words and phrases.

Using a variety of dictionaries and encyclopedias can be useful in clarifying terminology.

**PR Newswire**

Dialog Coverage: 1999 - present, Full Text: 1999 - present

Complete text of news releases prepared by U.S. companies, public relations agencies, trade associations, city, state, federal and municipal government agencies, and other sources covering the entire spectrum of news.

**ProQuest Direct**

ProQuest Coverage: Dates - vary, Full Text: 1986 - present

Current periodicals and newspapers, as well as archives of major newspapers.

This resource is useful in preliminary searching of an application.

**Safari Online Books**

ProQuest Coverage: - , Full Text: Dates - vary

Electronic reference library of technical books.

Books on software, the internet, business transactions etc. can provide useful information. Textbooks are also a good source of prior art and background information.

**San Jose Mercury News**

Dialog Coverage: 1985 - present, Full Text: 1985 - present

Full text file provides local, national, and international news coverage with particular emphasis on high technology and industry developments in Silicon Valley.

**TecInfoSource (formerly SoftBase: Reviews, Companies, and Products)**

Dialog Coverage: 1994 - present, Full Text: - N/A

Covers emerging technologies, established technology products and their track record in the marketplace across multiple industries.

**Transportation Research Information Services (TRIS)**

Dialog Coverage: 1968 - present, Full Text: - N/A

Provides international coverage of ongoing research projects, published journal articles, state and federal government reports, conference proceedings, research and technical papers, and monographs.

**U.S. Major Newspapers**

Dialog Coverage: Dates - vary, Full Text: Dates - vary

OneSearch category.

This resource contains abstracts and full text of major US newspapers.

**Wall Street Journal Abstracts**

Dialog Coverage: 1973 - present, Full Text: - N/A

Contains abstracts of all articles published in the Eastern 3-star Edition of The Wall Street Journal newspaper.

**Wilson Applied Science & Technology Abstracts**

Dialog Coverage: 1983 - present, Full Text: - N/A

Science and technology journal abstracts.

## INTERNET SEARCH TOOLS

An Internet search should be considered when a search of the other resources listed in this template fail to locate relevant prior art. Consideration must be given to the guidance provided in the Rules of the Road ([PDF](#) [DOC](#)) for Internet searching for patent applications.

**Google Scholar**

Google Coverage: - N/A, Full Text: - N/A

Scholarly literature, including peer-reviewed papers, theses, books, preprints, abstracts and technical reports from all broad areas of research.

Used to find scholarly materials on the Internet. Can pull up theses, and articles by applicant name.

**Internet Archive**

Internet Archive Coverage: - N/A, Full Text: - N/A

Provides permanent access to historical collections that exist in digital format.

Used to date web pages, and to identify companies that were using something similar to the invention years ago.

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For comments and suggestions, contact [Karen Lehman](#) at 571-272-3496.

Please obey USPTO "Rules of the Road ([PDF](#) [Doc](#))" when using Internet resources.

If you cannot access a file because of a missing or non-working plugin, please contact the Help Desk at 2-9000 for installation assistance.

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Last modified 02/03/2007 21:06:54


[Home](#) [Index](#) [Resources](#) [Contact](#) [Intranet](#) [Search](#)

[Home](#) > [TC3600 EIC](#) > [TC3600 E](#)

## TC3600 Business Methods Mandatory Databases

### TC3600 Mandatory Core

#### Non-Patent Literature Full-Text Databases

ABI/Inform

Business &amp; Industry

Business Wire

Computer Database, Gale Group

Financial Times FullText

McGraw-Hill Companies Publications Online

New Product Announcements/Plus (NPA/Plus), Gale Group

Newsletter Database, Gale Group

PR Newswire

PROMPT, Gale Group

San Jose Mercury News

Trade &amp; Industry Database, Gale Group

World Reporter

#### Non-Patent Literature Non Full-Text Databases

Dissertation Abstracts Online

Globalbase, Gale Group

Inside Conferences

INSPEC (Includes IEEE documents)

Internet &amp; Personal Computing Abstracts (via EBSCOhost)

New York Times Abstracts, (1969) - Present

Wall Street Journal Abstracts (1973) - Present

Wilson Applied Science and Technology Abstracts

#### Non-Patent Literature Software and Technology Databases

TecInfoSource

#### Patent Literature Full-Text Databases

European Patents Fulltext

WIPO/PCT Patents Fulltext (1983-2000)

#### Patent Literature Non Full-Text Databases

Derwent World Patents Index (via WEST and EAST)

JAPIO-Patent Abstracts of Japan

### TC3600 Mandatory Database

#### 2 Health Care Management Databases

SEARCH Core Databases

ADD Full-Text Health & Wellness Database, Gale Group

ADD Full-Text New England Journal of Medicine

ADD Non Full-Text BIOSIS Previews

ADD Non Full-Text EMBASE

ADD Non Full-Text MEDLINE

ADD Non Full-text SciSearch

**2 Health Care Management Databases for Pharmaceuticals**

ADD Full-Text Drug News & Perspectives

ADD Full-Text Pharmaceutical and Healthcare Industry News Database

ADD Non Full-Text International Pharmaceutical Abstracts (bib)

ADD Non Full-Text Pharmaceutical News Index (PNI)

**4 Insurance Databases**

SEARCH Core Databases (especially ABI/Inform and Business & Industry)

ADD Full-Text American Banker Financial Publications

ADD Full-Text The Journal of Commerce

ADD Non Full-Text Insurance Periodicals Index

**5 Reservation, Check-in, & Ticketing Systems Databases**

SEARCH Core Databases

**7 Operations Research Databases**

SEARCH Core Databases

ADD Inventory Monitoring Databases

**13 Transportation Facility Access Databases**

SEARCH Core Databases

ADD Full-Text The Journal of Commerce

ADD Non Full-Text Aerospace Database (aerospace) (STN File)

ADD Non Full-Text NTIS-National Technical Information Service

ADD Non Full-Text Transportation Research Information Services

**14 Advertising/Coupon Redemption/Incentives Databases**

SEARCH Core Databases

ADD Full-Text Business Dateline

ADD Full-Text Marketing & Advertising Reference Service, Gale Group

ADD Full-Text PAPERSMJ (Group of key US newspapers full text)

ADD Full-Text PAPERSEU (Group of British and Irish newspapers full text)

**26 Electronic Shopping**

SEARCH Core Databases

ADD Advertising/Coupon Redemption/Incentives Databases

ADD Full-Text Magazine Database, Gale Group

**28 Inventory Monitoring Databases**

SEARCH Core Databases

ADD Non Full-Text Ei Compendex

ADD Non Full-Text JICST-EPlus-Japanese Science & Technology

ADD Non Full-Text MECHEENG: Mechanical Engineering Abstracts (STN)

ADD Non Full-Text NTIS-National Technical Information Service

ADD Non Full-Text SciSearch

ADD Non Full-Text Social SciSearch

**35 Banking/Finance/Investments/Stock-Bond Trading Databases**

SEARCH Core Databases

ADD Full-Text American Banker Financial Publications

ADD Full-Text Banking Information Source

ADD Full-Text Bond Buyer Full Text

ADD Full-Text DIALOG Finance and Banking Newsletters

ADD Non Full-Text EconLit

**36 Portfolio Selection Databases**

SEARCH Core Databases

ADD Banking/Finance/Investments/Stock-Bond Trading Databases

**37 Trading, Matching or Bidding Databases**

SEARCH Core Databases

ADD Banking/Finance/Investements/Stock-Bond Trading Databases

**38 Credit Processing or Loan Processing Databases**

SEARCH Core Databases

ADD Banking/Finance/Investments/Stock-Bond Trading Databases

**39 Including Funds Transfer or Credit Transaction Databases**

SEARCH Core Databases

ADD Banking/Finance/Investments/Stock-Bond Trading Databases

ADD Full-Text Knight-Ridder/Tribune Business News

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Submit questions, comments and suggestions to [Karen Lehman](#)

To report technical pro

Please obey USPTO "Rules of the Road ([PDF Doc](#))" when using Internet resources.

If you cannot access a file because of a missing or non-working plugin, please contact the Help Desk at 2-9000 for installation assistance.

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Last modified 06/01/2006 10:13:53

## Jung, David

**From:** Wong, Carol  
**Sent:** Thursday, February 01, 2007 5:30 PM  
**To:** Jung, David  
**Subject:** Search results for 09/899,489

Hi, David:

Your search results are attached. The most relevant items are noted next to each file category, and are also highlighted in the Word document. Pls let me know if you have any questions, or wish to re-focus the search. Thx, Carol

patents abstracts (set 29, records 16,21,31,33)



patab.rtf

patents full-text (set 23, records 33,39; set 43, record 4)



patft.rtf

NPL newspapers (set 29, record 1 -- full-text of article is included)



nplpapers.rtf

NPL full-text #1 (set 30, record 2)



nplft1.rtf

NPL full-text #2



nplft2.rtf

NPL abstracts



nplab.rtf

NPL software



software.rtf

applicant



applic.rtf

search feedback form



SearchFeedb  
ack2.doc

**Carol Wong**  
Searcher  
EIC2100  
RND 4B28  
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carol.wong@uspto.gov

File 347:JAPIO Dec 1976-2006/Sep(Updated 061230)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2006/UD=200708

(c) 2007 The Thomson Corporation

Set	Items	Description
S1	3668	ALIAS??? OR PSEUDONYM? OR PSUEDONYM? OR COVERNAME? OR CODE- NAME? OR CRYPTONYM? ? OR NOM(1W)GUERRE? ? OR ANANYM? ?
S2	560	ANONYM? ? OR NICK()NAME? ? OR NICKNAME?
S3	986	(COVER OR FICTITIOUS OR FALSE OR CODE OR ASSUMED OR SECRET- (1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)
S4	80	ANONYMOUS(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S5	0	ANONYMOUS(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S6	10299	UNIQUE(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES OR - ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S7	72	UNIQUE(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S8	22	ANONYMOUS(25N)S6:S7
S9	334	(S1:S5 OR S8)(5N)(MEMBER? ? OR PARTICIPANT? OR USER? ? OR - SUBSCRIBER? ? OR BUYER? ? OR PATRON? ? OR PURCHASER? OR CONSU- MER?)
S10	111	(S1:S5 OR S8)(5N)(CUSTOMER? ? OR SHOPPER? ? OR CLIENT? ? OR CONSIGNER? ? OR PROCURER? ? OR BIDDER? ? OR CALLER? ? OR REQ- UEST?R? ?)
S11	76	(S1:S5 OR S8)(5N)(SEARCHER? ? OR ENTITY? ? OR CONSTITUENT? ? OR INDIVIDUAL? ? OR PERSON? ? OR ESHOPPER? OR VISITOR? ? OR AFFILIATE? ?)
S12	42	(S1:S5 OR S8)(5N)(PARTY? ? OR GUEST? ? OR SURFER? ? OR WEB- SURFER?)
S13	2006531	TRANSACTION? ? OR ACTIVIT??? OR RESPOND??? OR RESPONSE? ? - OR BEHAVIOUR? OR BEHAVIOR? OR HABIT? ? OR PATTERN? ? OR HISTO- RY?
S14	50326	HISTORIES OR PURCHASE OR PURCHASES OR PURCHASED OR PURCHAS- ING OR BOUGHT
S15	258342	PROFILE? ? OR PROFILING
S16	21241	S15(5N)(CREAT???? OR GENERAT???? OR DEVELOP????? OR CONSTR- UCT???? OR BUILD??? OR BUILT OR PRODUCE? ? OR PRODUCING OR PR- ODUCTION? ?)
S17	4453	S15(5N)(PROD? ? OR SYNTHESI? OR PREPAR??? OR PREPARATION? ? OR PREP? ? OR PRPN? ? OR DERIV????? OR COMPIL? OR ESTABLISH- ?????)
S18	168	(FICTIONAL OR SYMBOLIC OR ALTERNATE OR ALTERNATIVE)(1W)(NA- ME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNA- ME? ?)
S19	0	DECOY(1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENT- ITIES OR USERNAME? ?)
S20	10	(S9:S12 OR S18) AND S16:S17
S21	7	S16:S17 AND S13:S14 AND (S9:S12 OR S18)
S22	12346	S15(25N)S13:S14
S23	41	S22 AND (S1:S5 OR S8 OR S18)
S24	45	S20:S21 OR S23
S25	30	S24 AND AC=US/PR AND AY=(1963:2001)/PR
S26	36	S24 AND AC=US AND AY=1963:2001
S27	36	S24 AND AC=US AND AY=(1963:2001)/PR
S28	18	S24 AND PY=1963:2001
S29	36	S25:S28

29/69,K/11 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0012953504 - Drawing available

WPI ACC NO: 2003-030434/

XRPX ACC No: N2003-024075

Consumer anonymous profile establishment for targeted one-to-one marketing campaign, involves anonymizing consumer request by substituting consumer identification data with alias, such that ID data is not accessible

Patent Assignee: DURAND D (DURA-I); LAGADEC R (LAGA-I); SWISSCOM MOBILE AG (SWIS-N); TADDEI C (TADD-I)

Inventor: DURAND D; LAGADEC R; TADDEI C

Patent Family (4 patents, 99 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2002093436	A1	20021121	WO 2002EP4009	A	20020410	200302 B
EP 1388107	A1	20040211	EP 2002737941	A	20020410	200411 E
			WO 2002EP4009	A	20020410	
US 20040098625	A1	20040520	WO 2002EP4009	A	20020410	200434 E
			US 2003704859	A	20031110	
AU 2002312810	A1	20021125	AU 2002312810	A	20020410	200452 E

Priority Applications (no., kind, date): EP 2001111545 A 20010511

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002093436	A1	EN	26	1	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW EP 1388107 A1 EN PCT Application WO 2002EP4009

Based on OPI patent WO 2002093436

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20040098625 A1 EN Continuation of application WO 2002EP4009

AU 2002312810 A1 EN Based on OPI patent WO 2002093436

#### Alerting Abstract WO A1

NOVELTY - A consumer identification data included in SS7 signaling message received from a mobile consumer through an integrated services digital network (ISDN), is substituted in the network with an alias so as to anonymize the consumer's request. The identification data is not accessible to content or service provider and there is one-to-one and immutable correspondence between the identification data and the alias.

DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

1. Arrangement for interacting with consumer; and

2. Method of allowing mobile consumer to define his preferences for anonymous service, through internet.

USE - For establishing anonymous profile of consumers, for preparing precisely targeted one-to-one marketing campaigns, using SS7 signaling message received from mobile communication devices such as mobile phone, PDA, palmtop or laptop computers through ISDN.

ADVANTAGE - As multiple customers share the same content of service provider, the interaction of the consumers can be aggregated and leveraged even if the corresponding products and services are independent and offered by different companies, hence broader and accurate consumer profiles are constructed.

DESCRIPTION OF DRAWINGS - The figure shows the schematic representation

of communication arrangement.

**Title Terms/Index Terms/Additional Words:** CONSUME; PROFILE; ESTABLISH; ONE; MARKET; CAMPAIGN; REQUEST; SUBSTITUTE; IDENTIFY; DATA; ID; ACCESS

**Class Codes**

International Classification (Main): G06F-017/60, H04L-009/00

File Segment: EPI;  
DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-J05A; W01-B05A1A; W01-B09; W01-C02B7D;  
W01-C05B7

Consumer anonymous profile establishment for targeted one-to-one marketing campaign, involves anonymizing consumer request by substituting consumer identification data with alias, such that ID data is not accessible

**Alerting Abstract** ...consumer through an integrated services digital network (ISDN), is substituted in the network with an alias so as to anonymize the consumer's request. The identification data is not accessible to content or service provider and there...  
...USE - For establishing anonymous profile of consumers, for preparing precisely targeted one-to-one marketing campaigns, using SS7 signaling message received from mobile communication devices such as mobile phone, PDA...

...offered by different companies, hence broader and accurate consumer profiles are constructed.

**Original Publication Data by Authority**

**Original Abstracts:**

...method and associated arrangement allows a content or service provider to establish an anonymous profile of a consumer using at least one request sent by the consumer through a communication network. The request sent...

...a content or service provider to establish an anonymous profile of a consumer using at least one request sent by the consumer through a communication network. The request sent by the consumer includes identification...

...to establish an anonymous profile of a consumer using at least one request sent by the consumer through a communication network. The request sent by the consumer includes identification data of the consumer.

The...

**Claims:**

...content or service provider, and in that said profile is updated and completed each time a request is received for said consumer.  
? t29/69, k/13, 16; t29/69/18

29/69, K/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012788550 - Drawing available  
WPI ACC NO: 2002-644048/200269

Related WPI Acc No: 2002-048973; 2002-644039; 2002-644045; 2002-644046;  
2002-644049; 2002-644056; 2002-644057; 2002-644105; 2002-667517;  
2002-667612; 2002-667626; 2002-667628; 2002-675273; 2002-675294;  
2002-691892; 2002-698903; 2002-707175; 2002-723465; 2002-732989;  
2003-058326; 2003-058327; 2003-090526; 2003-090761; 2003-128092;

2003-776686; 2003-829085  
XRXPX Acc No: N2002-509121

Controlling establishment of communication session by mapping user identification symbol to user profile index

Patent Assignee: WORLDCOM INC (WORL-N)

Inventor: GALLANT J K

Patent Family (9 patents, 99 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update	
WO 2002075572	A1	20020926	WO 2002US8458	A	20020320	200269	B
US 20020165969	A1	20021107	US 2001276923	P	20010320	200280	E
			US 2001276953	P	20010320		
			US 2001276954	P	20010320		
			US 2001276955	P	20010320		
			US 2002101389	A	20020316		
EP 1384156	A1	20040128	EP 2002715159	A	20020320	200409	E
			WO 2002US8458	A	20020320		
BR 200208228	A	20040323	BR 20028228	A	20020320	200422	E
			WO 2002US8458	A	20020320		
AU 2002247376	A1	20021003	AU 2002247376	A	20020320	200436	E
CN 1509443	A	20040630	CN 2002810018	A	20020320	200467	E
JP 2004532452	W	20041021	JP 2002574509	A	20020320	200475	E
			WO 2002US8458	A	20020320		
MX 2003008509	A1	20040701	WO 2002US8458	A	20020320	200547	E
			MX 20038509	A	20030919		
IN 200301172	P2	20051014	WO 2002US8458	A	20020320	200580	E
			IN 2003KN1172	A	20030912		

Priority Applications (no., kind, date): US 2001276923 P 20010320; US 2001276953 P 20010320; US 2001276954 P 20010320; US 2001276955 P 20010320; US 2002101389 A 20020316

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002075572	A1	EN	28	5	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW  
US 20020165969 A1 EN Related to Provisional US 2001276923

Related to Provisional US 2001276953

Related to Provisional US 2001276954

Related to Provisional US 2001276955

EP 1384156 A1 EN PCT Application WO 2002US8458  
Based on OPI patent WO 2002075572

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR  
BR 200208228 A PT PCT Application WO 2002US8458

Based on OPI patent WO 2002075572

Based on OPI patent WO 2002075572

AU 2002247376 A1 EN PCT Application WO 2002US8458

Based on OPI patent WO 2002075572

JP 2004532452 W JA 51 PCT Application WO 2002US8458

Based on OPI patent WO 2002075572

MX 2003008509 A1 ES PCT Application WO 2002US8458

Based on OPI patent WO 2002075572

IN 200301172 P2 EN PCT Application WO 2002US8458

#### Alerting Abstract WO A1

NOVELTY - Method of controlling the establishment of a communications session with a party consists in receiving a first user identification symbol specifying the party, mapping the symbol to an index identifying user profile information, accessing the user profile information by using

the index and controlling the session as a function of the user profile information. A second user identification symbol different from the first is received and a determination is made that it maps to the same index as the first user identification symbol. Mapping is performed by consulting a list and an entry is made in the list to establish a relationship of the first user identification symbol with the next.

USE - Method is for Internet communications and voice-over-data transport.

DESCRIPTION OF DRAWINGS - The figure shows how alias information can be stored and applied.

**Title Terms/Index Terms/Additional Words:** CONTROL; ESTABLISH; COMMUNICATE; SESSION; MAP; USER; IDENTIFY; SYMBOL; PROFILE; INDEX

**Class Codes**

International Classification (Main): G06F-015/00, G06F-015/16

File Segment: EPI;  
DWPI Class: T01; W01  
Manual Codes (EPI/S-X): T01-M02; W01-A09E3

**Original Titles:**

BENUTZER- ALIAS -NAMEN IN EINEM KOMMUNIKATIONSSYSTEM...

... USER ALIASES IN A COMMUNICATION SYSTEM...

... ALIAS UTILISATEURS DANS UN SYSTEME DE COMMUNICATION...

... User aliases in a communication system...

... USER ALIASES IN A COMMUNICATION SYSTEM...

... ALIAS UTILISATEURS DANS UN SYSTEME DE COMMUNICATION

**Alerting Abstract ...DESCRIPTION OF DRAWINGS** - The figure shows how alias information can be stored and applied.

**Original Publication Data by Authority**

**Original Abstracts:**

...whereby parties accessible through the system may be referenced by multiple alternative symbolic names (300). User Profile information for a given party maybe maintained in the system to control features and routing behavior (320) in response to session request involving the party. By virtue of a mapping capability, one or more symbolic names may be associated with the same user profile information. A session request involving any of the alternative names for a party will evoke the same user profile...

...system may be referenced by multiple alternative symbolic names. User profile information for a given party may be maintained in the system to control features and routing behavior in response to session request involving the party. By virtue of a mapping capability, one or more symbolic names may be associated with the same user profile information. A session request involving any of the alternative names for a party will evoke the same user profile .

...multiple alternative symbolic names (300). User Profile information for a given party maybe maintained in the system to control features and routing behavior (320) in response to session request involving the party. By virtue of a mapping capability, one or more symbolic names may be associated with the same user profile information. A session request

involving any of the alternative names for a party will evoke the same user profile.

**Claims:**

...profile information; controlling the establishment of the communication session as a function of the user profile information corresponding to the party.

29/69, K/16 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0012385820 - Drawing available

WPI ACC NO: 2002-329272/200236

XRPX Acc No: N2002-258483

Anonymous transaction data collection, for a computer network such as the Internet, that uses an identifier stripped of all personally identifiable information

Patent Assignee: HITWISE PTY LTD (HITW-N); PLURIMUS CORP (PLUR-N)

Inventor: GULLETTE B R D; HATCHELL A; NORTMAN R C; SPALINK J

Patent Family (4 patents, 94 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2002003213	A1	20020110	WO 2001US20304	A	20010626	200236 B
AU 200171477	A	20020114	AU 200171477	A	20010626	200237 E
US 6983379	B1	20060103	US 2000608136	A	20000630	200603 E
US 20060070117	A1	20060330	US 2000608136	A	20000630	200624 E
			US 2005236482	A	20050927	

Priority Applications (no., kind, date): US 2005236482 A 20050927; US 2000608136 A 20000630

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

WO 2002003213 A1 EN 28 5

National Designated States, Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States, Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200171477 A EN Based on OPI patent WO 2002003213  
US 20060070117 A1 EN Continuation of application US 2000608136

Continuation of patent US 6983379

**Alerting Abstract WO A1**

NOVELTY - An anonymous identifier, that is stripped of all personally identifiable information, is associated with network collected transaction data and stored in a database.

USE - For a computer network such as the Internet.

ADVANTAGE - Protects a user's privacy.

DESCRIPTION OF DRAWINGS - The figure shows a flow chart of the process for creating an anonymous identifier using two-pass encryption.

**Title Terms/Index Terms/Additional Words:** TRANSACTION; DATA; COLLECT; COMPUTER; NETWORK; IDENTIFY; STRIP; PERSON; INFORMATION

**Class Codes**

**International Classification (Main):** G06F-013/00  
**(Additional/Secondary):** G06F-015/16, H04L-009/00

International Classification (+ Attributes)

IPC + Level Value Position Status Version

G06F-0011/30 A I F B 20060101

H04L-0009/32 A I F B 20060101

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-D01; T01-J05B2; T01-J05B4P; T01-N01A1;

T01-N02B1B; T01-N02B2A; W01-A

... 2001WO-US0020304

Original Titles:

Method and system for monitoring online behavior at a remote site and creating online behavior profiles

...

...Method and system for monitoring online behavior at a remote site and creating online behavior profiles

...

...METHOD AND SYSTEM FOR MONITORING ONLINE BEHAVIOR AT A REMOTE SITE AND CREATING ONLINE BEHAVIOR PROFILES

Alerting Abstract ...NOVELTY - An anonymous identifier, that is stripped of all personally identifiable information, is associated with network collected transaction data...

...DESCRIPTION OF DRAWINGS - The figure shows a flow chart of the process for creating an anonymous identifier using two-pass encryption.

29/69/18 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011225434 - Drawing available

WPI ACC NO: 2002-164727/

XRXPX Acc No: N2002-125698

Computer implemented method for anonymous profiling of, and marketing to, anonymous users by allowing identity-revealing transactions involving products, services or information can occur only outside closed network or system

Patent Assignee: MASCARENHAS D (MASC-I); PROTIGEN INC (PROT-N)

Inventor: MASCARENHAS D

Patent Family (3 patents, 94 countries)

Number	Kind	Date	Number	Kind	Date	Update
WO 2002005196	A2	20020117	WO 2001US41260	A	20010705	200221 B
US 20020019764	A1	20020214	US 2000216492	P	20000706	200221 E
			US 2001899489	A	20010705	
AU 200181294	A	20020121	AU 200181294	A	20010705	200234 E

Priority Applications (no., kind, date): US 2001899489 A 20010705; US 2000216492 P 20000706

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
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WO 2002005196	A2	EN	43	6	
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National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
US 20020019764 A1 EN Related to Provisional US 2000216492  
AU 200181294 A EN Based on OPI patent WO 2002005196

**Alerting Abstract WO A2**

**NOVELTY** - A profile related to a unique identifier based on the user's activity and responses in the closed network or system are generated or maintained. The profile is used to market products, services or information to the user. The user's identity is never revealed to a part of the closed network or system. Identity-revealing transactions involving the products, services or information can occur only outside the closed network or system.

**DESCRIPTION - INDEPENDENT CLAIMS** are included for:

1.a computer program product

2.a system for matching anonymous user with information

**USE** - In a computer-implemented system for having anonymous transaction-related activities and user classification performed in a closed or restricted data network, particularly on the Internet.

**ADVANTAGE** - Enables a user to log into a Web site within a closed network anonymously, have the user be profiled without revealing the user's real identity, having the system gather information about such anonymous user, and having the system create and maintain a user profile for such anonymous user. Allows for a system of representational or tokenized value which can be utilized in transactions independently initiated by the user outside the closed system, in which the user's real identity can never be linked to the original profile.

**DESCRIPTION OF DRAWINGS** - The drawing illustrates the basic steps to employ the features of an anonymous trust provider according to the present invention.

**Title Terms/Index Terms/Additional words:** COMPUTER; IMPLEMENT; METHOD; PROFILE; MARKET; USER; ALLOW; IDENTIFY; REVEAL; TRANSACTION; PRODUCT; SERVICE; INFORMATION; CAN; OCCUR; CLOSE; NETWORK; SYSTEM

**Class Codes**

International Classification (Main): G06F-017/60

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2C; T01-S03  
? t29/69, k/19, 21, 23

29/69, K/19 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent WPIX

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0011215743 - Drawing available  
WPI ACC NO: 2002-154798/

XRXPX Acc No: N2002-117673

User monitoring method for Internet involves an anonymous identifier which is obtained representing user, and data transmitted across the computer network is collected

Patent Assignee: PLURIMUS CORP (PLUR-N)

Inventor: GULLETTE B R D; HATCHELL A; NORTMAN R C; SPALINK J

Patent Family (2 patents, 94 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
WO 2002003219	A1	20020110	WO 2001us20303	A	20010626	200220 B
AU 200170169	A	20020114	AU 200170169	A	20010626	200237 E

Priority Applications (no., kind, date): US 2000608135 A 20000630

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002003219	A1	EN	29	8	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
AU 200170169 A EN Based on OPI patent WO 2002003219

**Alerting Abstract WO A1**

NOVELTY - Identifier is obtained representing one or more users of a computer network. Anonymous identifier is created using the obtained identifier. Data being transmitted across the computer network is collected and associated with the anonymous identifier to create a transaction record. Transaction record is stored in a database.

**DESCRIPTION - INDEPENDENT CLAIMS** are also included for the following:

1. Method for associating anonymous identifiers .

2. Computer system with stored software implementing the method.

USE - For obtaining information on Internet users to improve marketing of products and services.

ADVANTAGE - Collects computer network traffic, particularly Internet traffic, in a manner that does not associate personally identifiable information with network usage data, and creating online behavior profiles that are unassociated with individual users.

DESCRIPTION OF DRAWINGS - The diagram shows users connected to a Point-Of-Presence (POP) Internet Service Provider, which is in turn connected to the Internet, and then illustrated connected typically to an ISP which connects to a Web server

108 network

104 Internet

107 authentication server

**Title Terms/Index Terms/Additional Words:** USER; MONITOR; METHOD; IDENTIFY; OBTAIN; REPRESENT; DATA; TRANSMIT; COMPUTER; NETWORK; COLLECT

**Class Codes**

International Classification (Main): G06F-015/16

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2C; T01-N02A3C; T01-N02B2A; T01-S03...

User monitoring method for Internet involves an anonymous identifier which is obtained representing user , and data transmitted across the computer network is collected

**Original Titles:**

METHOD AND SYSTEM FOR MONITORING ONLINE COMPUTER NETWORK BEHAVIOR AND CREATING ONLINE BEHAVIOR PROFILES

**Alerting Abstract ...NOVELTY** - Identifier is obtained representing one or more users of a computer network. Anonymous identifier is created using the obtained identifier. Data being transmitted across the computer network is collected and associated with the anonymous identifier to create a transaction record. Transaction record is stored in a database....1. Method for associating anonymous identifiers .

...

...in a manner that does not associate personally identifiable information with network usage data, and creating online behavior profiles that are unassociated with individual users

## Original Publication Data by Authority

### Original Abstracts:

...identifier is then associated with one or more users' computer network transactions. The data is stored by a collection engine (103) and then aggregated to a central database server across a...

...il utilise pour creer un identificateur anonyme, defini comme un identificateur d'utilisateur depourvu de toute information personnellement identifiable. L'identificateur anonyme est ensuite associe a une ou plusieurs transactions de reseau informatique. Les donnees sont enregistrees par un moteur de collecte (103) puis regroupees au niveau d'un serveur de base de donnees...

29/69, K/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0011098788 - Drawing available  
WPI ACC NO: 2002-034549/ 200204

XRXPX Acc No: N2002-026578

System for anonymously matching consumption objects with a consumer consumption behaviour correlates parameters of potential target consumption with parameters of consumer's true behaviour consumption profile

Patent Assignee: BENSEMANA L (BENS-I); NDEX SYSTEMS INC (NDEX-N)

Inventor: BENSEMANA L

Patent Family (7 patents, 94 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2001084384	A2	20011108	WO 2001CA619	A	20010501	200204 B
CA 2307381	A1	20011101	CA 2307381	A	20000501	200204 E
AU 200158085	A	20011112	AU 200158085	A	20010501	200222 E
US 20020052825	A1	20020502	US 2000200880	P	20000501	200234 NCE
			US 2001845814	A	20010430	
EP 1285376	A2	20030226	EP 2001931250	A	20010501	200319 E
			WO 2001CA619	A	20010501	
JP 2003532227	W	20031028	JP 2001580734	A	20010501	200373 E
			WO 2001CA619	A	20010501	
CN 1608262	A	20050420	CN 2001808926	A	20010501	200554 E

Priority Applications (no:, kind, date): US 2001845814 A 20010430; CA 2307381 A 20000501

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001084384	A2	EN	30	8	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

CA 2307381 A1 EN

AU 200158085 A EN Based on OPI patent WO 2001084384

US 20020052825 A1 EN Related to Provisional US 2000200880

EP 1285376 A2 EN PCT Application WO 2001CA619

Based on OPI patent WO 2001084384

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

JP 2003532227 W JA 32 PCT Application WO 2001CA619

Based on OPI patent WO 2001084384

**Alerting Abstract WO A2**

NOVELTY - The system includes a central and private consumer repository containing several true consumption profiles corresponding to several consumers. Each of the true consumption profiles is anonymous. A central product repository contains consumption object profiles for several consumption objects. A correlator correlates parameters of a potential target consumption object with parameters of a given consumer's true consumption profile and identifies at least one best matched consumption object. An element confidentially presents the consumer with the profile of the at least one best-matched consumption object.

The correlator is triggered automatically.

DESCRIPTION - INDEPENDENT CLAIMS are included for a method for anonymously matching consumption objects with a consumer's consumption behaviour and for a central repository.

USE - For anonymously matching products or services with a consumer.

ADVANTAGE - Fully anonymous database supports vendors of goods and services in their product development and market research. Customer's identity remains private.

DESCRIPTION OF DRAWINGS - The figure shows the system.

Title Terms/Index Terms/Additional Words: SYSTEM; MATCH; CONSUME; OBJECT; CORRELATE; PARAMETER; POTENTIAL; TARGET; TRUE; PROFILE

**Class Codes**

International Classification (Main): G06F-017/40, G06F-017/60

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-F07; T01-J05A2C; T01-J05B2; T01-J05B4P

200204

System for anonymously matching consumption objects with a consumer consumption behaviour correlates parameters of potential target consumption with parameters of consumer's true behaviour consumption profile

**Original Titles:**

...SYSTEME ET PROCEDE PERMETTANT D'ASSOCIER, DE MANIERE ANONYME, DES PRODUITS OU DES SERVICES A UN CONSOMMATEUR...

...SYSTEME ET PROCEDE PERMETTANT D'ASSOCIER, DE MANIERE ANONYME, DES PRODUITS OU DES SERVICES A UN CONSOMMATEUR

**Original Publication Data by Authority**

**Original Abstracts:**

...services with a consumer, based on the consumer's true consumption behaviour. Each consumer is represented by a true behaviour derived consumption profile, and a private repository of such true consumption profiles is provided where each profile is anonymous. A repository of consumption objects such as vendors' products and services is also provided. The system correlates...

...based on the consumers true consumption behavior. Each consumer is represented by a unique true behavior derived consumption profile, and a private repository of such true consumption profiles is provided where each profile is anonymous. A repository of consumption objects such as vendors' products and services is also provided. The system correlates parameters of the consumer's...

...consumption behaviour. Each consumer is represented by a true behaviour derived consumption profile, and a private repository of such true consumption profiles is provided where each profile is anonymous. A repository of consumption objects such as vendors' products and

services is also provided. The system correlates parameters of the consumer's true consumption profile with parameters...

...des services a un consommateur, sur la base de ses veritables habitudes de consommation. Chaque consommateur est represente par un veritable profil de consommation unique tire des habitudes de consommation, et...

...objets de consommation, tels que des produits de commerçants et des services, est également produit. Le systeme met en correlation des parametres du veritable profil de consommation du consommateur avec des...  
Claims:

...A system for anonymously matching consumption objects with a consumer consumption behaviour, said consumer being uniquely identified by a true behaviour derived consumption profile, said system comprising: a central and private consumer repository containing a plurality of true consumption profiles corresponding to a plurality of consumers, each of said true consumption profiles being anonymous; a central product repository, containing consumption object...

29/69,K/23 (Item 23 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0010919919 - Drawing available  
WPI ACC NO: 2001-541606/ 200160  
XRXPX Acc No: N2001-402535

Wireless communication system for delivery of targeted e.g. location specific data to user whilst maintaining user privacy

Patent Assignee: DEMELLO A (DEME-I); HOST G (HOST-I); LEGENDRE A (LEGE-I); MILLER A (MILL-I); PROFILIUM INC (PROF-N)

Inventor: DEMELLO A; HOST G; LEGENDRE A; LEGENDRE A G; MILLER A

Patent Family (5 patents, 93 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2001060083	A2	20010816	WO 2001CA139	A	20010207	200160 B
CA 2298194	A1	20010807	CA 2298194	A	20000207	200160 E
US 20010036224	A1	20011101	US 2001778108	A	20010207	200168 E
AU 200131465	A	20010820	AU 200131465	A	20010207	200175 E
EP 1266530	A1	20021218	EP 2001903553	A	20010207	200301 E
			WO 2001CA139	A	20010207	

Priority Applications (no., kind, date): CA 2298194 A 20000207

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001060083	A2	EN	44	8	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

CA 2298194	A1	EN	Based on OPI patent WO 2001060083
AU 200131465	A	EN	PCT Application WO 2001CA139
EP 1266530	A1	EN	Based on OPI patent WO 2001060083

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

#### Alerting Abstract WO A2

NOVELTY - A Mediation Server receives raw location positioning data from the wireless communications network and sends standardized location positioning data with encrypted unique identifiers to the Profiling Server.

**DESCRIPTION** - The Profiling Server tracks and profiles current and historical location positioning data, compiling databases of anonymous user profiles to permit targeting of personalized and relevant data.

**USE** - For the passive location positioning of wireless handsets for the purposes of delivering targeted data to users in a wireless communications network.

**ADVANTAGE** - Protects the privacy of the users. Privacy is achieved by separation of data collection and message transmission functions from the profiling and targeting functions.

**DESCRIPTION OF DRAWINGS** - The drawing shows a schematic diagram of the nodes in the network.

**Title Terms/Index Terms/Additional Words:** WIRELESS; COMMUNICATE; SYSTEM; DELIVER; LOCATE; SPECIFIC; DATA; USER; MAINTAIN; PRIVATE

**Class Codes**

**International Classification (Main):** H04B-001/38, H04Q-007/00, H04Q-007/20  
**(Additional/Secondary):** H04L-012/16, H04L-005/16

**File Segment:** EPI;

**DWPI Class:** W01; W02

**Manual Codes (EPI/S-X):** W01-A01A; W01-B05; W01-C05B5C; W02-C03C1E

**200160**

**Alerting Abstract** **DESCRIPTION** - The Profiling Server tracks and profiles current and historical location positioning data, compiling databases of anonymous user profiles to permit targeting of personalized and relevant data...

**Original Publication Data by Authority**

**Original Abstracts:**

...wireless communications network and sends standardized location positioning data with encrypted unique identifiers to the second node, the Profiling Server. The Profiling Server tracks and profiles current and historical location positioning data, compiling databases of anonymous user profiles to permit targeting of personalized and relevant data. The Profiling Server targets data to users with matching profiles and...

...standardized location positioning data with encrypted unique identifiers to the second node, the Profiling Server. The Profiling Server tracks and profiles current and historical location positioning data, compiling databases of anonymous user profiles to permit targeting of personalized and relevant data. The Profiling Server targets data to users with matching profiles and forwards those messages to the...

...encrypted unique identifiers to the second node, the Profiling Server. The Profiling Server tracks and profiles current and historical location positioning data, compiling databases of anonymous user profiles to permit targeting of personalized and relevant data. The Profiling Server targets data to users with matching profiles and forwards those messages to the Mediation Server for encryption and...

? t29/69,k/27,31,33

29/69,K/27 (Item 27 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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0010823924 - Drawing available  
WPI ACC NO: 2001-441131/ 200147  
Related WPI Acc No: 2002-507527

XRPX Acc No: N2001-326367

Web user profiling method for delivering content e.g. advertisements to user, involves developing profile of user, based on profiles of web sites accessed by the user

Patent Assignee: PREDICTIVE NETWORKS INC (PRED-N)

Inventor: HOSEA D F; ODDO A S; RASCON A P; THURSTON N; ZIMMERMAN R S

Patent Family (4 patents, 90 countries)

Patent	Number	Kind	Date	Number	Kind	Date	Update
	WO 2001020481	A2	20010322	WO 2000US24442	A	20000906	200147 B
	AU 200071175	A	20010417	AU 200071175	A	20000906	200147 E
	EP 1216447	A2	20020626	EP 2000959945	A	20000906	200249 E
				WO 2000US24442	A	20000906	
	JP 2003529127	W	20030930	WO 2000US24442	A	20000906	200365 E
				JP 2001523991	A	20000906	

Priority Applications (no., kind, date): US 1999154640 P 19990917; US 2000558755 A 20000421

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2001020481	A2	EN	40	11	

National Designated States,Original: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200071175 A EN Based on OPI patent WO 2001020481

EP 1216447 A2 EN PCT Application WO 2000US24442

Based on OPI patent WO 2001020481

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2003529127 W JA 38 PCT Application WO 2000US24442

Based on OPI patent WO 2001020481

#### Alerting Abstract WO A2

NOVELTY - The profiles are provided to several web sites. Then, the web sites accessed by the users or clients (10) are monitored. The profile of the user is developed, based on the profiles of the web sites accessed by the user.

DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

1. Computer for profiling web user;
2. System for profiling web user;
3. System for inferring a profile of person;
4. Computer readable medium

USE - For selectively delivering contents e.g. advertisements to user based on their profiles.

ADVANTAGE - Enables usage of feedback from users to determine the effectiveness of advertising campaign. Allows dynamic modification of advertising campaign, by altering the target audience to optimize results.

DESCRIPTION OF DRAWINGS - The figure shows the block diagram of representative network of web user profiling system.

10 Clients

Title Terms/Index Terms/Additional Words: WEB; USER; PROFILE; METHOD; DELIVER; CONTENT; ADVERTISE; DEVELOP; BASED; SITE; ACCESS

#### Class Codes

International Classification (Main): G06F-017/00, G06F-017/60  
File Segment: EPI;  
DWPI Class: T01  
Manual Codes (EPI/S-X): T01-G05C1; T01-H07C5A; T01-H07C5S; T01-J05A1;  
T01-J05A2; T01-S03

200147

Original Publication Data by Authority

Original Abstracts:

A method and system are provided for accurately and anonymously profiling Web users and for selectively delivering content such as advertisements to users based on their profiles. The system uses behavioral information preferably collected at the users' point of connection to the Internet to anonymously profile their interests and demographics. It accurately matches and delivers content to the users to which they will likely be...

...are provided for accurately and anonymously profiling Web users and for selectively delivering content such as advertisements to users based on their profiles. The system uses behavioral information preferably collected at the users' point of connection to the Internet to anonymously profile their interests and demographics. It accurately matches and delivers content to the users to which they will likely be most receptive. Advertisers can use...

...maniere anonyme de leurs interets et de leurs donnees demographiques. Ce systeme apparie et livre ce contenu aux utilisateurs les plus receptifs a ce contenu. Les publicitaires peuvent utiliser ce systeme...

29/69, K/31 (Item 31 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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0010107511 - Drawing available  
WPI ACC NO: 2000-414863/ 200036

XRXPX Acc No: N2000-310002

Method of communicating computer web site user information from user computer to Internet web site by enabling web site operating computer to dynamically access user information together with only encrypted user identification

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE)

Inventor: RAJCHEL S K; RESSI M G; RESSL M G

Patent Family (7 patents, 27 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 1017205	A1	20000705	EP 1999309996	A	19991210	200036 B
CA 2291393	A1	20000630	CA 2291393	A	19991130	200045 E
JP 2000231544	A	20000822	JP 1999369111	A	19991227	200045 E
EP 1017205	B1	20020828	EP 1999309996	A	19991210	200264 E
DE 69902620	E	20021002	DE 69902620	A	19991210	200273 E
			EP 1999309996	A	19991210	
US 6496931	B1	20021217	US 1998224625	A	19981231	200307 E
CA 2291393	C	20050809	CA 2291393	A	19991130	200553 E

Priority Applications (no., kind, date): EP 1999309996 A 19991210; US 1998224625 A 19981231

Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 1017205 A1 EN 11 3

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI

CA 2291393 A1 EN  
JP 2000231544 A JA 8  
EP 1017205 B1 EN  
Regional Designated States, Original: DE FR GB  
DE 69902620 E DE Application EP 1999309996  
Based on OPI patent EP 1017205  
CA 2291393 C EN

**Alerting Abstract EP A1**

NOVELTY - The method involves automatically creating an encrypted identification of a user. A web site operating computer is enabled to dynamically access the user information together with only the encrypted user identification while user is connected with the web site.

USE - For communicating web server user information while shielding the true identity of the user from the web site server.

ADVANTAGE - Allows automatically creating an alias identification for the user that is provided for the web site operator related to the actual identity of the user and in association with demographic and other non identification information concerned the actual user.

DESCRIPTION OF DRAWINGS - The drawing shows a flowchart of the preferred method of communicating in accordance with the method of the present invention.

**Title Terms/Index Terms/Additional Words:** METHOD; COMMUNICATE; COMPUTER; WEB; SITE; USER; INFORMATION; ENABLE; OPERATE; DYNAMIC; ACCESS; ENCRYPTION; IDENTIFY

**Class Codes**

International Classification (Main): G06F-001/24, G06F-015/00, H04L-029/06, H04L-009/32  
(Additional/Secondary): G06F-013/00, H04L-012/22, H04L-012/54, H04L-012/58, H04M-011/00, H04M-003/00

File Segment: EPI;

DWPI Class: T01; W01

Manual Codes (EPI/S-X): T01-H01C2; T01-H07P; W01-A06E1A; W01-A07G  
200036

**Original Titles:**

Anonyme Web-Site Benutzer Information Kommunikationsverfahren...

...Methode de communication d'information d'un utilisateur anonyme a un site web...

... Anonyme Web-Site Benutzer Information Kommunikationsverfahren...

...Methode de communication d'information d'un utilisateur anonyme a un site web

**Alerting Abstract ...ADVANTAGE** - Allows automatically creating an alias identification for the user that is provided for the web site operator related to the actual identity of the...

**Original Publication Data by Authority**

**Original Abstracts:**

...by inputting a data information record into storage, dynamically generating a user alias, linking the user alias with the user data record to form a user information record (UIR) and then transmitting the anonymous user information record automatically or in response to user commands. This alias identification is transmitted to a remote internet operating computer of a web site that receives the information inputted for...

...as noted, the web site can only gain access to the user's alias identification in combination with the user data. In this way the web site is enabled to collect general demographic information about its user base while...

...record into storage, dynamically generating a user alias, linking the user alias with the user data record to form a user infotmation record ( UIR ) and then transmitting the anonymous user information record automatically or in response to user commands. This alias identification is transmitted to a remote internet operating computer of a web site that receives the information inputted for collecting information, such as statistical...

...can only gain access to the user's alias identification in combination with the user data . In this way the web site is enabled to collect general demographic information about its user base while being isolated from the true...

Claims:

...Verwendung des Benutzerdatensatzprofils (40); **gekennzeichnet** durch **Verknüpfen** der dynamisch erzeugten Alias-Benutzeridentifikation mit dem verschlüsselten **Datensatzprofil**, um einen Benutzerinformationsdatensatz (42) zu erzeugen; undübertragen des Benutzerinformationsdatensatzes zu der Website (18) als Reaktion auf eine Anforderung des Informationsdatensatzes (44...).

...record profile (30,32); anddynamically generating an alias user identification through utilization of the user data record profile (40); **CHARACTERISED BY**:linking the dynamically generated alias user identification with the encrypted data record profile to create a user information record (42); andtransmitting the user information record to the web site (18) in response to a request for the information record (44).

29/69, K/33 (Item 33 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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0008768709

WPI ACC NO: 1998-311901/ 199827

Related WPI Acc No: 1996-278122; 1998-311902; 1999-008998; 2000-557405;  
2001-502180; 2003-196692

XRXPX Acc No: N1998-244553

Customised electronic identification method of desired objects such as news articles in electronic media environment - involves enabling access by user to number of target objects and sets of target object characteristics stored on electronic storage media via user target profile interest summary

Patent Assignee: EISNER J M (EISN-I); HERZ F S M (HERZ-I); SALGANICOFF M (SALG-I)

Inventor: EISNER J M; HERZ F S M; SALGANICOFF M

Patent Family (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5754938	A	19980519	US 1994346425	A	19941129	199827
			US 1995550886	A	19951031	B

Priority Applications (no., kind, date): US 1994346425 A 19941129; US 1995550886 A 19951031

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes	
US 5754938	A	EN	56	16	C-I-P of application	US 1994346425

Alerting Abstract US A

The method involves generating a user pseudonym confidentially at a proxy server, unique to the user, by authenticated user credentials provided by an authenticating entity. An user target profile summary indicating the user's access patterns are mapped to target objects and sets of target object characteristics to the user pseudonym .

Access by the user is enabled to the target objects and the sets of target object characteristics stored on an electronic storage media via the user target profile interest summary associated with the user's pseudonym . The target objects and sets of target object characteristics are confidentially routed to the user.

ADVANTAGE - Organizes efficient distribution of information in a large scale system containing many users interconnected by a communication network. Preserves user's preferences confidentially. Reduces time and energy required for information retrieval.

**Title Terms/Index Terms/Additional Words:** CUSTOMISATION; ELECTRONIC; IDENTIFY; METHOD; OBJECT; NEWS; ARTICLE; MEDIUM; ENVIRONMENT; ENABLE; ACCESS; USER; NUMBER; TARGET; SET; CHARACTERISTIC; STORAGE; PROFILE; INTEREST; SUMMARY

**Class Codes**

International Classification (Main): H01H-001/00  
(Additional/Secondary): H01J-013/00, H04N-007/14, H04N-007/173

File Segment: EPI;  
DWPI Class: T01; W02  
Manual Codes (EPI/S-X): T01-J05C; T01-J12C; W02-F10E

199827

**Original Titles:**

Pseudonymous server for system for customized electronic identification of desirable objects.

**Alerting Abstract** ...The method involves generating a user pseudonym ...

...entity. An user target profile summary indicating the user's access patterns are mapped to target objects and sets of target object characteristics to the user pseudonym .

...on an electronic storage media via the user target profile interest summary associated with the user's pseudonym . The target objects and sets of target object characteristics are confidentially routed to the user

**Original Publication Data by Authority**

**Original Abstracts:**

...electronic media environment, and in particular to a system that automatically constructs both a "target profile" for each target object in the electronic media based, for example, on the frequency with which each word appears...

...The system then evaluates the target profiles against the users' target profile interest summaries to generate a user-customized rank ordered listing of target objects most likely to be of interest to each user so...

...interconnected by means of a communication network. Additionally, a cryptographically-based pseudonym proxy server is provided to ensure the privacy of a user's target profile interest summary, by giving the...

**Claims:**

...storage media, said method comprising the steps of:confidentially generating a user pseudonym at a proxy server, which pseudonym is unique to said user, by means of authenticated user credentials provided by an authenticating entity;mapping a user target profile interest summary indicative of said user 's access patterns to target objects and sets of target object characteristics to said user pseudonym;enabling access by said user to said plurality of target objects and sets of target object characteristics stored on said electronic...

...target profile interest summary associated with said user's pseudonym; andconfidentially routing target objects and sets of target object characteristics, retrieved in said step of enabling access, to said user.  
?

File 348:EUROPEAN PATENTS 1978-2007/ 200705

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File 349:PCT FULLTEXT 1979-2007/UB=20070125UT=20070118

(c) 2007 WIPO/Thomson

Set	Items	Description
S1	13315	ALIAS??? OR PSEUDONYM? OR PSUEDONYM? OR COVERNAME? OR CODE- NAME? OR CRYPTONYM? ? OR NOM(1W)GUERRE? ? OR ANANYM? ?
S2	14903	ANONYM? ? OR NICK()NAME? ? OR NICKNAME?
S3	3845	(COVER OR FICTITIOUS OR FALSE OR CODE OR ASSUMED OR SECRET- (1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)
S4	261	ANONYMOUS(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S5	1	ANONYMOUS(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S6	37067	UNIQUE(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES OR - ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S7	395	UNIQUE(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S8	214	ANONYMOUS(25N)S6:S7
S9	1934	(S1:S5 OR S8)(5N)(MEMBER? ? OR PARTICIPANT? OR USER? ? OR - SUBSCRIBER? ? OR BUYER? ? OR PATRON? ? OR PURCHASER? OR CONSU- MER?)
S10	438	(S1:S5 OR S8)(5N)(CUSTOMER? ? OR SHOPPER? ? OR CLIENT? ? OR CONSIGNER? ? OR PROCURER? ? OR BIDDER? ? OR CALLER? ? OR REQ- UEST?R? ?)
S11	509	(S1:S5 OR S8)(5N)(SEARCHER? ? OR ENTITY? ? OR CONSTITUENT? ? OR INDIVIDUAL? ? OR PERSON? ? OR ESHOPPER? OR VISITOR? ? OR AFFILIATE? ?)
S12	139	(S1:S5 OR S8)(5N)(PARTY? ? OR GUEST? ? OR SURFER? ? OR WEB- SURFER?)
S13	1029697	TRANSACTION? ? OR ACTIVIT??? OR RESPOND??? OR RESPONSE? ? - OR BEHAVIOUR? OR BEHAVIOR? OR HABIT? ? OR PATTERN? ? OR HISTO- RY?
S14	112642	HISTORIES OR PURCHASE OR PURCHASES OR PURCHASED OR PURCHASE- ING OR BOUGHT
S15	304855	PROFILE? ? OR PROFILING
S16	38926	S15(5N)(CREAT???? OR GENERAT???? OR DEVELOP????? OR CONSTR- UCT???? OR BUILD??? OR BUILT OR PRODUCE? ? OR PRODUCING OR PR- ODUCTION? ?)
S17	13019	S15(5N)(PROD? ? OR SYNTHESI? OR PREPAR??? OR PREPARATION? ? OR PREP? ? OR PRPN? ? OR DERIV????? OR COMPI? OR ESTABLISH- ?????)
S18	58	S9:S12(50N)S16:S17
S19	34	S18 AND AC=US/PR AND AY=(1963:2001)/PR
S20	34	S18 AND AC=US AND AY=1963:2001
S21	34	S18 AND AC=US AND AY=(1963:2001)/PR
S22	27	S18 AND PY=1963:2001
S23	39	S19:S22
S24	14	FICTITIONAL(1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR I- DENTITIES OR USERNAME? ?)
S25	2	S24(50N)S16:S17
S26	0	S25 NOT S18
S27	9931	S16:S17(50N)S13:S14
S28	26	S27(50N)S9:S12
S29	19	S28 AND AC=US/PR AND AY=(1963:2001)/PR
S30	19	S28 AND AC=US AND AY=1963:2001
S31	19	S28 AND AC=US AND AY=(1963:2001)/PR
S32	10	S28 AND PY=1963:2001
S33	20	S29:S32
S34	2	S24(50N)S15
S35	0	S34 NOT S18

S36 27919 S15(10N)S13:S14  
S37 50 S36(25N)(S1:S5 OR S8 OR S24)  
S38 35 S37 NOT (S18 OR S28)  
S39 24 S38 AND AC=US/PR AND AY=(1963:2001)/PR  
S40 24 S38 AND AC=US AND AY=1963:2001  
S41 24 S38 AND AC=US AND AY=(1963:2001)/PR  
S42 15 S38 AND PY=1963:2001  
S43 25 S39:S42

? t23/5,k/1,3

23/5,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01588695

A METHOD AND APPARATUS FOR DISCONNECTED CHAT ROOM LURKING IN AN INTERACTIVE  
TELEVISION ENVIRONMENT  
VERFAHREN UND GERÄT FÜR INTERAKTIVES FERNSEHEN MIT UNVERBUNDENER  
ÜBERWACHUNG EINER DISKUSSIONSFORUM  
PROCEDE ET APPAREIL PERMETTANT DE BADAUDER DANS UN BAVARDOIR SANS SE  
CONNECTER DANS UN ENVIRONNEMENT INTERACTIF DE TELEVISION

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

Freeman, Jacqueline Carol (72181), W.P. THOMPSON & CO. 55 Drury Lane,  
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PATENT (CC, No, Kind, Date): EP 1425918 A1 040609 (Basic)  
EP 1425918 B1 061115  
WO 2003030547 030410

APPLICATION (CC, No, Date): EP 2002773329 020912; WO 2002US28853 020912  
PRIORITY (CC, No, Date): US 322067 P 010912

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04N-007/173; G06F-013/38

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level value Position Status Version Action Source Office:

H04N-0007/173 A I F B 20060101 20030412 H EP  
G06F-0013/38 A I L B 20060101 20030412 H EP

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 030604 A1 International application. (Art. 158(1))

Application: 030604 A1 International application entering European  
phase

Application: 040609 A1 Published application with search report

Examination: 040609 A1 Date of request for examination: 20040319

Change: 041027 A1 Inventor information changed: 20040908

Change: 060607 A1 Title of invention (German) changed: 20060607

Change: 060607 A1 Title of invention (English) changed: 20060607

Change: 060607 A1 Title of invention (French) changed: 20060607

Change: 061108 A1 Title of invention (German) changed: 20061108

Change: 061108 A1 Title of invention (English) changed: 20061108

Change: 061108 A1 Title of invention (French) changed: 20061108

Grant: 061115 B1 Granted patent

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text Language Update Word Count

CLAIMS B (English)	200646	847
CLAIMS B (German)	200646	807
CLAIMS B (French)	200646	1084
SPEC B (English)	200646	9858
Total word count - document A		0
Total word count - document B		12596
Total word count - documents A + B		12596

...SPECIFICATION Viewer Manager 252 supports Multiple Viewer identification and Registration authentication at a single STB through **nicknames** and **personal** identification numbers. The viewer identifier preferably is derived from the client device identifier number(s). The Viewer Manager 252 provides household and individual viewer **profiling** through logging, **generation**, and matchmaking linked to observed cumulative TV viewing and purchasing habits in support of SGW...viewer manager 252 supports multiple viewer identification and registration authentication at a single STB through **nicknames** and/or **personal** identification numbers (PINs) plus, the viewer identifier derived from the client device identifier number(s), transaction history, viewer profiles, **nicknames** and **personal** identification numbers. The viewer manager 252 performs household and individual viewer **profiling** through logging, **generation**, and matchmaking linked to observed cumulative TV viewing and purchasing habits. The viewer manager supports...

23/5, K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01459991

A DIGITAL TELEVISION APPLICATION PROTOCOL FOR INTERACTIVE TELEVISION  
EIN DIGITALES FERNSEHEN ANWENDUNGSPROTOKOLL ZUM INTERAKTIVEN FERNSEHEN  
PROTOCOLE D'APPLICATION DE TELEVISION NUMERIQUE DESTINE A UNE TELEVISION  
NUMERIQUE

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 1364511 A2 031126 (Basic)  
EP 1364511 B1 060614  
WO 2002063851 020815

APPLICATION (CC, No, Date): EP 2002706093 020201; WO 2002US2829 020201  
PRIORITY (CC, No, Date): US 265986 P 010202; US 266210 P 010202; US 267876  
P 010209; US 269261 P 010215; US 279543 P 010328; US 858379 010516

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): H04L-029/06; H04N-007/173

INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):

IPC + Level Value Position Status Version Action Source Office:

H04L-0029/06 A I F B 20060101 20020816 H EP  
H04N-007/173 A I L B 20060101 20020816 H EP

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021009 A2 International application. (Art. 158(1))  
Application: 021009 A2 International application entering European phase  
Application: 031126 A2 Published application without search report  
Examination: 031126 A2 Date of request for examination: 20030818  
Change: 040121 A2 Inventor information changed: 20031205  
Examination: 050316 A2 Date of dispatch of the first examination report: 20050127  
Change: 060201 A2 Title of invention (German) changed: 20060201  
Change: 060201 A2 Title of invention (English) changed: 20060201  
Change: 060201 A2 Title of invention (French) changed: 20060201  
Grant: 060614 B1 Granted patent  
Change: 061129 B1 Title of invention (German) changed: 20061129  
Change: 061129 B1 Title of invention (English) changed: 20061129  
Change: 061129 B1 Title of invention (French) changed: 20061129  
Change: 070117 B1 Title of invention (German) changed: 20070117  
Change: 070117 B1 Title of invention (English) changed: 20070117  
Change: 070117 B1 Title of invention (French) changed: 20070117

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available	Text	Language	Update	Word Count
	CLAIMS	B (English)	200624	941
	CLAIMS	B (German)	200624	906
	CLAIMS	B (French)	200624	1105
	SPEC	B (English)	200624	16896
Total	word count - document A			0
Total	word count - document B			19848
Total	word count - documents A + B			19848

...SPECIFICATION viewer manager 252 supports multiple viewer identification and registration authentication at a single STB through nicknames and/or personal identification numbers (PINs) plus, the viewer identifier derived from the client device identifier number(s), transaction history, viewer profiles, nicknames and personal identification numbers. The viewer manager 252 performs household and individual viewer profiling through logging, generation, and matchmaking linked to observed cumulative TV viewing and purchasing habits. The viewer manager supports...

? t23/5,k/13,16,18

23/5,K/13 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00941527 \*\*Image available\*\*

USER ALIASES IN A COMMUNICATION SYSTEM

ALIAS UTILISATEURS DANS UN SYSTEME DE COMMUNICATION

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200275572 A1 20020926 (WO 0275572)

Application: WO 2002US8458 20020320 (PCT/WO US0208458)

Priority Application: US 2001276923 20010320; US 2001276953 20010320; US 2001276954 20010320; US 2001276955 20010320; US 2002101389 20020316

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8570

#### English Abstract

A technique is disclosed in the context of a communications system whereby parties accessible through the system may be referenced by multiple alternative symbolic names (300). User Profile information for a given party maybe maintained in the system to control features and routing behavior (320) in response to session request involving the party. By virtue of a mapping capability, one or more symbolic names may be associated with the same user profile information. A session request involving any of the alternative names for a party will evoke the same user profile.

#### French Abstract

L'invention concerne une technique a mettre en oeuvre dans le contexte d'un systeme de communications. Grace a cette technique, des parties pouvant etre acceees via le systeme peuvent etre referencees par plusieurs noms symboliques alternatifs (300). Des informations relatives au profil utilisateur destinees a une partie donnee peuvent etre conservees dans le systeme, en vue de controler des caracteristiques et d'acheminer un comportement (320), en reponse a une demande de session impliquant la partie. En raison d'une capacite d'acheminement, un ou plusieurs noms symboliques peuvent etre associes avec les memes informations relatives au profil utilisateur. Une demande de session impliquant un nom alternatif quelconque destine a une partie evoque le meme profil utilisateur.

#### Legal Status (Type, Date, Text)

Publication 20020926 A1 with international search report.

Examination 20030206 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

#### Detailed Description

... identifying user profile information corresponding to the party, using the index to access the user profile information, and then controlling the establishment of the communication session as a function of the user profile information corresponding to the party. The teachings of the present invention also provide for a communication system supporting user aliases and a location

5

server function responds to communications requests by mapping user identification symbols...user interface is provided to support calls dialed via a SIP URL, including screens that create customer profiles and manage alias names. The entry and maintenance of aliases may be made available only to the customer "customers" aliases, providing management of alias during an NPA split, for example.

When a call comes from a Local Gateway, the...

...with a device or a subscriber. This can be accomplished using the OSS screens that establish a profile for a PBX phone 1 1 8, or buildprefix plans and alias lists for SIP devices. Through an alias list, individual public E. 164 numbers may be associated with a profile. Alternatively, a prefix plan is created that maps a public number to a private number. An incoming dial string of 319...

23/5, K/16 (Item 7 from file: 349)  
DIALOG(R) File 349: PCT FULLTEXT  
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00878894 \*\*Image available\*\*

TARGETING ADS TO SUBSCRIBERS BASED ON PRIVACY-PROTECTED SUBSCRIBER PROFILES  
CIBLAGE D'ANNONCES PUBLICITAIRES VIS-A-VIS DES ABONNES SUR LA BASE DE  
PROFILS D'ABONNES NE PORTANT PAS ATTEINTE A LA VIE PRIVEE

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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SCHLACK John A, 1411 Hi-View Drive, Southampton, PA 18966, US, US  
(Residence), US (Nationality), (Designated only for: US)

LUSTIG Herbert M, 18 Saddlebrook Drive, North Wales, PA 19454, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

RYDER Douglas J (agent), 300 North Broad Street, Doylestown, PA 18901, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200213112 A1 20020214 (WO 0213112)

Application: WO 2001US25261 20010810 (PCT/WO US0125261)

Priority Application: US 2000635539 20000810; US 2000635542 20000810; US  
2000635544 20000810; US 2001278612 20010426

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 20274

English Abstract

Monitoring subscriber viewing interactions such as television viewing interactions and generating viewing characteristics therefore. Generating at least one type of subscriber profile (550, 555) from at least some subset of subscriber characteristics including viewing, purchasing, transactions, statistical, deterministic, and demographic. The subscriber characteristics may be generated, gathered from at least one source, or a combination thereof. Forming groups of subscribers by correlating at least one type of subscriber profile. The subscriber groups (580) may

correlate to elements of a content delivery system (such as head-ends, nodes, branches, or set top boxes (STBs) within a cable TV system). Correlating ad profiles to subscriber/subscriber group profiles (545) and selecting targeted advertisements for the subscriber/subscriber groups based on the correlation (540). Inserting the targeted ads in place of default ads in program streams somewhere within the content delivery system (head-end, node, or STB). Presenting (545, 560, 570, 580) the targeted ads to the subscriber/subscriber group via a television.

#### French Abstract

Surveillance d'abonnes visionnant des interactions telles que des interactions de visionnage de television et generation de caracteristiques de visionnage a cet effet. Generation d'au moins un type de profil d'abonne (550, 555) a partir de l'un au moins des sous-ensembles de caracteristiques d'abonne et notamment les caracteristiques de visionnage, d'achat, de transactions, ainsi que les caracteristiques statistiques, deterministes et demographiques. Les caracteristiques d'abonnes peuvent etre generees et/ou recueillies a partir de l'une au moins des sources. Formation de groupes d'abonnes par correlation d'au moins un type de profil d'abonne. Les groupes d'abonnes (580) peuvent avoir des correlations avec des elements d'un systeme de remise de contenu tel que les tetes de reseau, les noeuds, les embranchements ou les boitiers de raccordement dans les limites d'un systeme de cablodistribution. Correlation de profils d'annonces publicitaires avec des profils d'abonnes ou de groupes d'abonnes (545) et selection d'annonces ciblees pour l'abonne ou les groupes d'abonnes sur la base de la correlation (540). Insertion des annonces publicitaires ciblees en remplacement des annonces implicites dans les flux des programmes, quelque part dans les limites du systeme de remise de contenus (tete de reseau, noeud ou boitier de raccordement). Presentation (545, 560, 570, 580) des annonces publicitaires ciblees a l'abonne ou au groupe d'abonnes via une television.

#### Legal Status (Type, Date, Text)

Publication 20020214 A1 with international search report.

Examination 20020627 Request for preliminary examination prior to end of 19th month from priority date

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... of subscriber ID allows a determination of the applicability of an ad for a particular subscriber (household or individual). Anonymous transaction IDs may be used when no information regarding the identity of the subscriber is being provided, but when transaction profiles have been developed based on the use of anonymous transaction profiling. Group IDs may be utilized to determine...

23/5,K/18 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00871902

SYSTEM AND METHOD FOR ANONYMOUS TRANSACTION IN A DATA NETWORK AND CLASSIFICATION OF INDIVIDUALS WITHOUT KNOWING THEIR REAL IDENTITY  
SYSTEME ET PROCEDE DE TRANSACTION ANONYME DANS UN RESEAU DE DONNEES ET  
CLASSIFICATION D'INDIVIDUS SANS CONNAITRE LEUR REELLE IDENTITE

#### Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

#### Patent Applicant/Inventor:

MASCARENHAS Desmond, 27223 Sherlock Road, Los Altos Hills, CA 94022, US,

US (Residence), US (Nationality), (Designated only for: US)  
Legal Representative:  
BASINSKI Erwin J (et al) (agent), Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200205196 A2 20020117 (WO 0205196)  
Application: WO 2001US41260 20010705 (PCT/WO US0141260)  
Priority Application: US 2000216492 20000706  
Designated States:  
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)  
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class (v7): G06F-017/60  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 10884  
English Abstract  
French Abstract  
Legal Status (Type, Date, Text)  
Publication 20020117 A2 with declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.  
Examination 20021010 Request for preliminary examination prior to end of 19th month from priority date  
Fulltext Availability:  
Claims  
Claim  
... in the art will realize that there are many ways to generate or create a unique identifier. In step 194, the ATP, particularly, the profiling program 184 (in Fig. 1), profiles the anonymous user using the unique identifier as key. Typically, the user may be profiled when the user is logged into the ATP. In step 196, the ATP generates and maintains a user profile for the anonymous user. The user profile may be updated if new information, such as...  
? t23/5,k/21,23,29  
23/5,k/21 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00856090  
SYSTEMS AND METHODS FOR CONDUCTING DERIVATIVE TRADES ELECTRONICALLY  
SYSTEMES ET PROCEDE PERMETTANT DE CONDUIRE ELECTRONIQUEMENT DES ECHANGES  
DERIVES  
Patent Applicant/Assignee:  
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US (Residence), US (Nationality), (For all designated states except:

US)

Patent Applicant/Inventor:

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Legal Representative:

GRIFFIN Malvern U III (et al) (agent), Alston & Bird LLP, Bank of America  
Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200188820 A2 20011122 (WO 0188820)

Application: WO 2001US16007 20010516 (PCT/WO US0116007)

Priority Application: US 2000204717 20000516

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CO CR  
CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM  
DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 33825

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20011122 A2 with declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Examination 20020124 Request for preliminary examination prior to end of  
19th month from priority date

Patent and Priority Information (Country, Number, Date):

Patent: ... 20011122

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... display in the instrument display window 252.

0 From the symbol construction interface 270, the user can view  
available aliases in window 273, explode a symbol ((inverted  
exclamation mark).e., view a list of underlying...  
...Synibol button 274, select symbols to be added to a profile via the Add  
to Profile button 276, and, construct new symbols or aliases via the  
Build Synibol button 278. The syinbol construction interface 270...

23/5,K/23 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00844343 \*\*Image available\*\*

IDENTIFICATION AND MANAGEMENT OF FRAUDULENT CREDIT/DEBIT CARD PURCHASES AT MERCHANT ECOMMERCE SITES

IDENTIFICATION ET CONTROLE D'ACHATS FRAUDULEUX PAR CARTES DE CREDIT/DEBIT A DES SITES MARCHANDS DE COMMERCE ELECTRONIQUE

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Legal Representative:

SACHS Robert R (et al) (agent), Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200177959 A1 20011018 (WO 0177959)

Application: WO 2001US11221 20010405 (PCT/WO US0111221)

Priority Application: US 2000195156 20000406; US 2001782681 20010212

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 26394

English Abstract

Transaction processing of online transactions (121) at merchant sites (102) determines the likelihood that such transactions are fraudulent, accounting for unreliable fields of a transaction order, which fields do not reliably identify a purchaser (127). A scoring server (114) using statistical model use multiple profiles, along with weights to indicate the degree to which the profiles identify the purchaser of the transaction (129).

French Abstract

Le traitement de transactions en ligne (121) a des sites marchands determine si ces transactions sont susceptibles d'etre frauduleuses, prenant en compte des champs non fiables d'un ordre de transaction, lesquels champs n'identifient pas de maniere fiable un acheteur (127). Un serveur de pointage (114) utilisant un profil multiple d'utilisation de modele statistique, ainsi que des coefficients de ponderation pour indiquer le degré auquel les profils identifient l'acheteur de la transaction (129).

Legal Status (Type, Date, Text)

Publication 20011018 A1 with international search report.

Examination 20020418 Request for preliminary examination prior to end of 19th month from priority date

Patent and Priority Information (Country, Number, Date):

Patent: ... 20011018

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... name is an unreliable key. A person may spell their name in multiple ways (including nicknames), and multiple individuals may have the same name. Credit card numbers, postal addresses, email addresses, IP numbers, and...

...are additional examples of unreliable keys.

U.S. Pat. No. 5,819,226 discloses the creation and -use of profiles based on transactional behavior. However, as disclosed this system assumes that each buyer uses the...

23/5, K/29 (Item 20 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00831858 \*\*Image available\*\*

SYSTEM AND METHOD FOR DISTRIBUTED AUDIENCE PROFILE DEVELOPMENT THROUGH  
CONSENSUAL INTERACTION WITH A NETWORK  
SYSTEME ET PROCEDE D'ELABORATION DE PROFILS DE PROFILS RELATIFS A UNE  
AUDIENCE DISTRIBUEE PAR INTERACTION CONSENSUELLE AVEC UN RESEAU

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200165448 A2 20010907 (WO 0165448)

Application: WO 2001US6524 20010228 (PCT/WO US0106524)

Priority Application: US 2000185626 20000229

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM

TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3101

English Abstract

#### French Abstract

Les donnees de profils utilisateurs sont compilees par plusieurs aggregateurs, qui dans l'execution presente de l'invention sont des sites du web. Lorsqu'un consommateur communique avec un aggregateur, ce dernier lui pose des questions auxquelles il est libre de repondre ou non. Les reponses donnees sont transmises a un centre d'archivage des profils ou elles constituent des elements de profils types d'utilisateurs. Lesdites reponses sont marquees a l'aide d'un identificateur propre a l'aggregateur. L'aggregateur peut etre remunere pour sa tache de compilation des donnees sur le consommateur et pour leur transfert au centre d'archivage. Si l'utilisateur visite le diffuseur, il peut prendre connaissance les messages cibles tels que des annonces publicitaires et intervenir dans leur redaction. Cette intervention ainsi que celle du diffuseur du message est retribuee.

#### Legal Status (Type, Date, Text)

Publication 20010907 A2 without international search report and to be republished upon receipt of that report.

Declaration 20011206 Late publication under Article 17.2a

Republication 20011206 A2 with declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Examination 20020110 Request for preliminary examination prior to end of 19th month from priority date

Patent and Priority Information (Country, Number, Date):  
Patent: .... 20010907

#### Fulltext Availability:

Detailed Description

Publication Year: 2001

#### Detailed Description

... with the profile data gathering system. The profile management processes 55 handle user registration and profile creation. Personal data provided during the registration process is stored away from the central repositories and payment information. An anonymous identifier is used to represent the user in the central repositories. Other information associated with a user in the central repositories is...

? t23/5,k/30,33-34,39

23/5,K/30 (Item 21 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00826504 \*\*Image available\*\*

SYSTEM AND METHOD FOR THE DELIVERY OF TARGETED DATA OVER WIRELESS NETWORKS  
SYSTÈME ET PROCEDE DE DISTRIBUTION DE DONNEES CIBLEES SUR DES RÉSEAUX SANS FIL

#### Patent Applicant/Assignee:

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#### Inventor(s):

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HOST Gerald, 20 St-Paul East, Suite 2, Montreal, Quebec H2Y 1G3, CA,

#### Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200160083 A2-A3 20010816 (WO 0160083)

Application: WO 2001CA139 20010207 (PCT/WO CA0100139)

Priority Application: CA 2298194 20000207

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): H04Q-007/38

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10113

**English Abstract**

The present invention relates to a system and method for the passive location positioning of wireless handsets for the purposes of delivering targeted data to users in a wireless communications network while protecting the privacy of the users. The network may contain a plurality of clusters comprising at least two physical nodes communication with each other via a remote link. The first node, the Mediation Server, receives raw location positioning data from the wireless communications network and sends standardized location positioning data with encrypted unique identifiers to the second node, the Profiling Server. The Profiling Server tracks and profiles current and historical location positioning data, compiling databases of anonymous user profiles to permit targeting of personalized and relevant data. The Profiling Server targets data to users with matching profiles and forwards those messages to the Mediation Server for encryption and further message compilation and transport. Privacy is achieved by separation of data collection and message transmission functions from the profiling and targeting functions. The present invention also concerns a method of anonymizing data related to a wireless transceiver.

**French Abstract**

La presente invention se rapporte a un systeme et a un procede de localisation passive de combines telephoniques sans fil permettant de distribuer des donnees ciblees a des utilisateurs dans un reseau de telecommunication sans fil tout en protegeant la vie privee des utilisateurs. Le reseau peut contenir une pluralite de groupes comportant au moins deux noeuds physiques communiquant l'un avec l'autre par l'intermediaire d'une liaison exterieure. Le premier noeud, le serveur de mediation, recoit des donnees de localisation brutes du reseau de communication sans fil et envoie des donnees de localisation normalisees associees a des identificateurs uniques chiffres vers le second noeud, le serveur d'establissemement de profils. Ce serveur d'establissemement de profils suit et etablit le profil des donnees de localisation actuelles et passees, en compilant des bases de donnees de profils d'utilisateurs anonymes pour permettre le ciblage de donnees personnalisees et pertinentes. Le serveur d'establissemement de profils cible les donnees sur des utilisateurs ayant des profils adaptes et transmet ces messages au serveur de mediation en vue de leur chiffrage, d'une compilation ulterieure des messages et de leur transport. La separation des fonctions de collecte des donnees et de transmission des messages et des fonctions d'establissemement de profils et de ciblage permet de respecter la vie privee des utilisateurs. La presente invention se rapporte en outre a un procede permettant de rendre anonymes les donnees associees a emetteur-recepteur sans fil.

Legal Status (Type, Date, Text)

Publication 20010816 A2 without international search report and to be republished upon receipt of that report.  
Examination 20011004 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20020228 Late publication of international search report  
Republication 20020228 A3 with international search report.

Patent and Priority Information (Country, Number, Date):

Patent: ... 20010816  
Fulltext Availability:

Detailed Description

English Abstract

...positioning data from the wireless communications network and sends standardized location positioning data with encrypted unique identifiers to the second node, the Profiling Server. The Profiling Server tracks and profiles current and historical location positioning data, compiling databases of anonymous user profiles to permit targeting of personalized and relevant data. The Profiling Server targets data to users...

Publication Year: 2001

Detailed Description

... with anonymous identifiers that conceal user identity, in order to prevent Profiling Servers to restore user identities from the anonymous identifiers.

The translation of user identities into anonymous identifiers is controlled by Mediation Servers. Mediation Servers prohibit any access to encryption sensitive information (i.e. encryption keys, procedures and data) from any external network node that includes Profiling Servers by establishing Privacy Firewalls. Privacy Firewalls are a combination of software and hardware that prevent network access...

...or more than one specific identifiers on Mediation Servers. The anonymous identifier is preferably generated using the destination address of Profiling Servers. The anonymous identifier features some or all of the following characteristics: consistency (the same anonymous identifier is presented to the same Mediation Servers); uniqueness (the probability that two users are given the same anonymous identifier is low); and privacy (the recipient at the Mediation Servers cannot determine the identity of...location positioning data records outside the Mediation Server. The EP 73 translates or decodes the user anonymous identifiers into MINS or any other appropriate mobile identifier, to direct messages that are be generated by the Profiling Server 21 to the wireless users.

The Privacy Firewall 77 is a network filter that...

23/5, K/33 (Item 24 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00776219 \*\*Image available\*\*

TARGETED ADVERTISING SYSTEM

SYSTEME D'ANNONCES CIBLEES

Patent Applicant/Assignee:

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Legal Representative: VRLA Mark P (agent), Jenner & Block, One IBM Plaza, Chicago, IL 60611, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109771 A1 20010208 (WO 0109771)

Application: WO 2000US20999 20000802 (PCT/WO US0020999)

Priority Application: US 99146955 19990803

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/30

International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5208

#### English Abstract

A client (106) accesses a content serving site (102) and information from this access is passively gathered by the content serving site (102). The information obtained from the client may be used to intelligently select content, such as advertisements, to include with the content accessed by the client. When a client (106) initially arrives, the client is assigned a unique anonymous identifier and an entry is created in a database (107). As the client (106) moves around the content serving site (102), the client's profile is updated in the database (107) based on the client's actions. The stored information can be analyzed and provided to Internet service providers (ISP) to provide better service to their clients. Additionally, the information regarding client preferences can be used to alter the content of the information provided to the client (106) in real time using a database that stores context information for each page of the content serving site (102) and context information for each potential page from which the client (106) can be referred.

#### French Abstract

La presente invention concerne un systeme dans lequel un client accede a un site serveur de contenu (102), l'information provenant de cet acces etant rassemblee passivement par ce site (102). L'information obtenue sur le client peut etre utilisee afin de choisir un contenu de maniere intelligente, tel que des annonces, a inclure dans le contenu auquel le client accede. Lorsqu'un client (106) accede pour la premiere fois, on lui attribue un identifiant anonyme unique, puis une entree dans une base de donnees (107) est creee. Au fur et a mesure que le client (106) se deplace autour du site serveur de contenu (102), son profil est mis a jour dans la base de donnees (107) en fonction de ses actions. L'information stockee peut etre analysee et communiquee a des fournisseurs de service Internet (ISP), leur permettant d'offrir a leurs clients meilleurs services. En outre, l'information concernant des preferences client peuvent etre utilisees afin de changer le contenu de l'information communiquee en temps reel au client (106) par l'utilisation d'une base de donnees qui stocke une information de contexte pour chaque page du site serveur de contenu (102) et une information de contexte pour chaque page potentielle a partir de laquelle le client (106) peut etre designe.

Legal Status (Type, Date, Text)

Publication 20010208 A1 with international search report.  
Correction 20020906 Corrected version of Pamphlet: pages 1/5-5/5,  
drawings, replaced by new pages 1/5-5/5; due to late  
transmittal by the receiving Office  
Republication 20020906 A1 With international search report.

Patent and Priority Information (Country, Number, Date):

Patent: ... 20010208

Fulltext Availability:

Detailed Description

Publication Year: 2001

Detailed Description

... the client's request of information from the content serving site.  
With this information, user profiler I 10 generates a profile of  
client 106, to which it intelligently matches targeted content  
information, such as banner ads, to also provide to client 106.

The previously mentioned anonymous identifier is used to identify the  
client for future profiling.

User profiler 1 1 0 begins by gathering initial basic data from...

23/5,K/34 (Item 25 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00757120 \*\*Image available\*\*

LOCATION ENHANCED INFORMATION DELIVERY SYSTEM

SYSTEME AMELIORE DE DISTRIBUTION D'INFORMATIONS DE LOCALISATION

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 2000070504 A2-A3 20001123 (WO 0070504)

Application: WO 2000US13858 20000519 (PCT/WO US0013858)

Priority Application: US 99314321 19990519

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/30

International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 18208

**English Abstract**

The Location Enhanced Information Delivery System Architecture (LEIA) customizes the information that is displayed to an information recipient based on optimizing a match between information purveyors, such as advertisers, and the information recipients who are local to an information delivery system. The present location enhanced information delivery system presents the information most suited to the real current audience, as measured by location information systems, rather than to a static predicted audience. While the preferred embodiment discloses a beaconing-style wireless technology, the system concept is easily extensible both to other location-information systems, such as license-plate scanning with cameras, and to utilizing the location-information for private displays of information in addition to public displays of information.

**French Abstract**

L'invention concerne l'architecture d'un systeme ameliore de distribution d'informations de localisation (LEIA). Ce systeme sert a personnaliser les informations affichees chez un destinataire d'informations en optimalisant une correspondance entre des fournisseurs d'informations, tels que des annonceurs publicitaires, et des destinataires se trouvant au voisinage d'un systeme de distribution d'informations. Ce systeme ameliore de distribution d'informations de localisation actuelle presente les informations les plus adaptees a l'audience actuelle reelle, comme l'ont mesure des systemes d'informations sur la localisation, par opposition a une audience fixe prevue. Alors qu'un mode de realisation prefere comprend une technologie sans fil de type balisage, le concept de ce systeme peut facilement s'etendre a d'autres systemes d'informations de localisation, tels que des dispositifs de balayage de plaques d'immatriculation a l'aide de cameras, tout comme a l'utilisation d'informations de localisation pour des affichages d'informations prives en plus des affichages d'informations publics.

**Legal Status (Type, Date, Text)**

Publication 20001123 A2 without international search report and to be republished upon receipt of that report.  
Examination 20010208 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20010712 Late publication of international search report  
Republication 20010712 A3 with international search report.

**Patent and Priority Information (Country, Number, Date):**

Patent: ... 20001123

**Fulltext Availability:**

Detailed Description

Publication Year: 2000

**Detailed Description**

... similarity measurement technologies disclosed in U.S. Patent No. 5,754,939, titled "System for Generation of User Profiles for a System for Customized Electronic Identification of Desirable Objects" as a means of enhancing...

...location enhanced information 1 5 delivery system. The location enhanced information delivery system can protect users identities using a pseudonymity proxy server disclosed in U.S. Patent No. 5,754,938 titled "Pseudonymous Server for..."

23/5, K/39 (Item 30 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00376053 \*\*Image available\*\*

SYSTEM FOR CUSTOMIZED ELECTRONIC IDENTIFICATION OF DESIRABLE OBJECTS  
SYSTEME DE REPERAGE ELECTRONIQUE PERSONNALISE D'OBJETS DE RECHERCHE

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9716796 A1 19970509

Application: WO 96US17981 19961029 (PCT/WO US9617981)

Priority Application: US 95551198 19951031

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AU BR BY CA CN EE IL IS JP KP KR KZ LV MN MX NZ RU SG TM TR UA UZ VN  
AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Main International Patent Class (v7): G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 51971

English Abstract

This invention relates to customized electronic identification of desirable objects, such as news articles, in an electronic media environment, and in particular to a system that automatically constructs both a "target profile" for each target object in the electronic media based, for example, on the frequency with which each word appears in an article relative to its overall frequency of use in all articles, as well as a "target profile interest summary" for each user, which target profile interest summary describes the user's interest level in various types of target objects. The system then evaluates the target profiles against the users' target profile interest summaries to generate a user-customized rank ordered listing of target objects most likely to be of interest to each user so that the user can select from among these potentially relevant target objects, which were automatically selected by this system from the plethora of target objects that are profiled on the electronic media. Users' target profile interest summaries can be used to efficiently organize the distribution of information in a large scale system consisting of many users interconnected by means of a communication network. Additionally, a cryptographically-based pseudonym proxy server is provided to ensure the privacy of a user's target profile interest summary, by giving the user control over the ability of third parties to access this summary and to identify or contact the user.

French Abstract

La presente invention concerne un systeme d'identification electronique personnalisée d'objets recherches, tels que des articles de presse, dans un environnement de supports électroniques. L'invention concerne en particulier un systeme qui construit, d'une part un "profil cible" pour chaque objet dans le support électronique, en partant, par exemple, de la fréquence de chaque mot dans un article par rapport à sa fréquence d'ensemble pour tous les articles, et d'autre part un "résumé d'intérêts de profils cibles", concernant chaque utilisateur, et décrivant le niveau d'intérêt de l'utilisateur par rapport à différents types d'objets cibles. Le système compare ensuite les profils cibles avec les résumés

d'interets de profils cibles des utilisateurs afin de generer une liste, classee selon les desiderata de l'utilisateur, et concernant les objets cibles les plus susceptibles de presenter de l'interet pour chacun des utilisateurs. Cela permet a chaque utilisateur de faire un choix parmi les objets cibles eventuellement interessants qui ont ete selectionnes automatiquement par ce systeme a partir d'une quantite plethorique d'objets pour lesquels il existe un profil sur le support electronique. Les resumes d'interets de profils cibles permettent d'organiser efficacement la distribution de l'information dans un systeme a grande echelle rassemblant un grand nombre d'utilisateurs interconnectes entre eux par un reseau de communication. De plus, le systeme dispose d'un serveur pseudonyme d'interface a vocation cryptographique assurant la non divulgation du resume d'interets de profils cibles d'un utilisateurs, et donnant a l'utilisateur la possibilite d'autoriser des tiers a avoir acces a son resume d'interets de profils cibles et d'identifier l'utilisateur ou de prendre contact avec lui.

Patent and Priority Information (Country, Number, Date):

Patent: ... 19970509

Fulltext Availability:

Detailed Description

Publication Year: 1997

Detailed Description

... are not intended to limit the scope of the claimed invention. For the purposes of pseudonymous creation and update of users' target profile interest summaries (as described below), the vendors V, -V<sub>k</sub> may be augmented with some number of proxy servers, which provide a mechanism for ongoing pseudonymous access and profile building through the method described herein. At least one trusted validation server must be in place...users with virtual communities, creating new virtual communities when necessary. 4. Continue to enroll additional pseudonymous users in the existing virtual communities

Each of these ...messages posted to all the newsgroups and electronic mailing lists on a given network, and constructs a target profile for each message found. The network can be the Internet, or a set of bulletin ...

43/5, K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01064867

System and method for electronic transactions  
System und Verfahren fur elektronische Transaktionen  
Systeme et methode pour les transactions electroniques

PATENT ASSIGNEE:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 938068 A2 990825 (Basic)

APPLICATION (CC, No, Date): EP 99102713 990218;

PRIORITY (CC, No, Date): US 25802 980219

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G07F-019/00

ABSTRACT EP 938068 A2

A system and method for performing an electronic transaction, including registration, audit and trusted recovery features. A transaction request message is received from a registered user that includes an unblinded validated certificate, and a blinded unvalidated certificate. If the unblinded validated certificate is determined to be legitimate, then a transaction can be performed, and the blinded unvalidated certificate is validated to obtain a blinded, validated certificate that is sent to the user. An audit protocol can be used to further verify the legitimacy of the transaction request message, and a user can recover from a broken connection by replaying a protocol run.

ABSTRACT WORD COUNT: 103

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Withdrawal: 031210 A2 Date of withdrawal of application: 20031022

Application: 990825 A2 Published application without search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9934	1872
SPEC A	(English)	9934	6104
Total word count - document A			7976
Total word count - document B			0
Total word count - documents A + B			7976

...SPECIFICATION a good electronic transaction system in a subscription-type setting. Known techniques exist for issuing pseudonyms, thus linking customer behavior to the pseudonym rather than to the customer. However, these still allow profiles (e.g., of customer behavior) to be constructed if even one pseudonymous transaction is broken or accidentally identifies the customer. Then, all of the customer's past...

43/5,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00942318

System and method for providing anonymous personalized browsing in a network

System und Verfahren zum anonymen, personalisierten Browsen in einem Netzwerk

Systeme et methode de browsage anonyme et personnalisé dans un réseau

PATENT ASSIGNEE:

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Mayer, Alain Jules, 309 West 100 Street, Apartment 3, New York, New York 10025, (US)

LEGAL REPRESENTATIVE:

Watts, Christopher Malcolm Kelway, Dr. et al (37391), Lucent Technologies (UK) Ltd, 5 Mornington Road, Woodford Green Essex, IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 855659 A1 980729 (Basic)

APPLICATION (CC, No, Date): EP 98300205 980113;  
PRIORITY (CC, No, Date): US 787557 970122  
DESIGNATED STATES: DE; FR; GB  
INTERNATIONAL PATENT CLASS (V7): G06F-017/30

ABSTRACT EP 855659 A1

For use with a network having server sites capable of being browsed by users based on identifiers received into the server sites and personal to the users, alternative proxy systems for providing substitute identifiers to the server sites that allow the users to browse the server sites anonymously via the proxy system. A central proxy system includes computer-executable routines that process site-specific substitute identifiers constructed from data specific to the users, that transmits the substitute identifiers to the server sites, that retransmits browsing commands received from the users to the server sites, and that removes portions of the browsing commands that would identify the users to the server sites. The foregoing functionality is performed consistently by the central proxy system during subsequent visits to a given server site as the same site specific substitute identifiers are reused. Consistent use of the site specific substitute identifiers enables the server site to recognize a returning user and, possibly, provide personalized service.

ABSTRACT WORD COUNT: 160

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination: 040728 A1 Date of dispatch of the first examination report: 20040609

Application: 980729 A1 Published application (A1with Search Report ; A2without Search Report)

Change: 060301 A1 Title of invention (French) changed: 20060301

Change: 060301 A1 Title of invention (English) changed: 20060301

Change: 060301 A1 Title of invention (German) changed: 20060301

Examination: 040728 A1 Date of dispatch of the first examination report: 20040609

Examination: 990317 A1 Date of filing of request for examination: 990113

Change: 990414 A1 Designated Contracting States (change)

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9831	1907
SPEC A	(English)	9831	8053
Total word count - document A			9960
Total word count - document B			0
Total word count - documents A + B			9960

...SPECIFICATION to protection from creation of dossiers, the user is likely to be assigned a distinct alias (substitute identifier) for distinct server sites, so that a coalition of sites is unable to learn a user's habits and build a user profile (dossier) based on the set of sites accessed by the user. Lastly, single secret (user...)

43/5, K/9 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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01000492 \*\*Image available\*\*

A METHOD AND APPARATUS FOR DISCONNECTED CHAT ROOM LURKING IN AN INTERACTIVE TELEVISION ENVIRONMENT

PROCEDE ET APPAREIL PERMETTANT DE BADAUDER DANS UN BAVARDOIR SANS SE CONNECTER DANS UN ENVIRONNEMENT INTERACTIF DE TELEVISION

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200330547 A1 20030410 (WO 0330547)

Application: WO 2002US28853 20020912 (PCT/WO US0228853)

Priority Application: US 2001322067 20010912

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): H04N-007/173

International Patent Class (v7): G06F-013/38

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11641

English Abstract

A chat room is broadcast in an interactive television environment for lurking "in" a chat room, without the need for establishing a back channel connection. The present invention provides a mode of chat room broadcasting and communication that can be easily handled by a client device, typically a set top box (STB) processor, an interactive television server and its subscriber clients. The present invention broadcasts chat rooms to clients who may either connect through a back channel to participate in a chat room or simply lurk, that is, to watch the chat room content and discussion in the broadcast without participating or registering in the chat room.

French Abstract

Un bavardoir est diffuse dans un environnement interactif de television pour "badauder" sans avoir a etablir une connexion sur un canal arriere. L'invention presente un mode de diffusion et de communication facile a exploiter par un dispositif de client, normalement par un processeur de decodeur, un serveur interactif de television et ses abonnes; elle diffuse des bavardoirs aux clients qui peuvent soit se connecter sur un canal arriere pour se joindre au bavardoir, ou simplement badauder c.-a-d. se placer en observateur sans participer ni enregistrer.

Legal Status (Type, Date, Text)

Publication 20030410 A1 with international search report.

Examination 20030710 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... viewer manager 252 supports multiple viewer identification and registration authentication at a single STB through nicknames and/or personal identification numbers (PINs) plus, the viewer identifier derived from the client device identifier number(s),

transaction history, viewer profiles, nicknames and personal identification numbers. The viewer manager 252 performs household and individual viewer profiling through...

43/5, K/12 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00948079 \*\*Image available\*\*  
OPERATING USER PROFILES WITH DISTRIBUTED PROFILE MODEL USING A HYBRID TERMINAL  
EXPLOITATION DE PROFILS UTILISATEUR SELON UN MODELE DE PROFIL DISTRIBUE AU MOYEN D'UN TERMINAL HYBRIDE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200282205 A2-A3 20021017 (WO 0282205)  
Application: WO 2002IB1066 20020403 (PCT/WO IB0201066)  
Priority Application: US 2001824781 20010404

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-015/16

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12740

English Abstract

A system and method manages user privacy in a network environment (100) through a distributed user system including a user device (110) and a profile operator (115). The management of user privacy involves recognizing one or more service opportunities of a service operator (130, 140) on a user device (110) operated by a user, determining a privacy level at which communications is conducted with a service operator (130, 140) relating to the one or more service opportunities on the user device (110), determining a profile access level on the user device (110), transmitting the profile access level to the service operator (130, 140), and enabling the service operator (130, 140) to obtain a subset of

profile information of the user according to the profile access level.

#### French Abstract

L'invention concerne un systeme et un procede permettant de gerer la confidentialite de l'utilisateur dans un environnement de reseau (100), par l'intermediaire d'un systeme utilisateur distribue. Ce systeme comprend un dispositif utilisateur (110) et un operateur de profils (115). La gestion de la confidentialite de l'utilisateur consiste a reconnaître au moins une possibilite de service d'un operateur de services (130, 140) sur un dispositif utilisateur (110) exploite par un utilisateur, a determiner le niveau de confidentialite auquel les communications concernant au moins une possibilite de service sur le dispositif utilisateur (110) sont realisees avec un operateur de services (130, 140), a determiner un niveau d'accès de profil sur le dispositif utilisateur (110), a transmettre ce niveau d'accès de profil a l'operateur de services (130, 140), et a permettre a ce dernier (130, 140) d'obtenir un sous-ensemble d'informations de profil de l'utilisateur en fonction du niveau d'accès de profil.

#### Legal Status (Type, Date, Text)

Publication 20021017 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20030522 Late publication of international search report  
Republication 20030522 A3 With international search report.  
Examination 20030703 Request for preliminary examination prior to end of 19th month from priority date

#### Fulltext Availability: Detailed Description

#### Detailed Description

... point of view, a significant difference between the two levels of identity masking is that **pseudonymity** allows each service operator to build its own **profiles** of user **behavior** since the service usage behavior of each individual user employing a service can be identified. However, **anonymity**

43/5,K/18 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00831863 \*\*Image available\*\*

PRIVACY-PROTECTED TARGETING SYSTEM  
SYSTEME DE CIBLAGE A CONFIDENTIALITE PROTEGEE

#### Patent Applicant/Assignee:

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#### Patent Applicant/Inventor:

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#### Legal Representative:

RYDER Douglas J (et al) (agent), 300 North Broad Street, Doylestown, PA 18901, US,

#### Patent and Priority Information (Country, Number, Date):

Patent: WO 200165453 A1 20010907 (WO 0165453)

Application: WO 2001US6650 20010228 (PCT/WO US0106650)

Priority Application: US 2000185789 20000229; US 2000190341 20000316

#### Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 15512

#### English Abstract

A system and method for transaction profiling (103) in a privacy-protected manner (915), wherein the transaction generally refers to an intentional action by a user. For example, in the context of television programming, the transaction data may relate to programming and advertisements watched by the user over a pre-determined period of time (905). A transaction profile vector (103) based on the evaluation of the recorded transaction data (905) is then computed, wherein the transaction profile vector may include demographic attributes such as probable age, household size, income level of the user, or preference attributes indicating probable products and services preferred by the user. To protect privacy, the generation of the transaction profile vector (also known as profile vector) preferably takes place local to the transaction (925).

#### French Abstract

La presente invention concerne un systeme et un procede permettant d'établir des profils de transaction (103), avec une confidentialité protégée (915). La transaction se réfère généralement à une action intentionnelle de l'utilisateur. Par exemple, dans le contexte de la programmation télévisuelle, les données de transaction peuvent concerner la programmation et les annonces regardées par l'utilisateur sur une période de temps prédefinie (905). Un vecteur de profil de transaction (103), basé sur l'évaluation des données de transaction enregistrées (905), est ensuite calculé. Ce vecteur de profil de transaction peut comprendre des caractéristiques démographiques, telles que l'âge probable, la taille du ménage et le niveau de revenu de l'utilisateur, ou des caractéristiques de préférence, indiquant des produits et des services probables, préférés par l'utilisateur. Afin de protéger la confidentialité, la génération du vecteur de profil de transaction (également connu sous le nom de vecteur de profil) a de préférence lieu localement par rapport à la transaction (925).

#### Legal Status (Type, Date, Text)

Publication 20010907 A1 with international search report.

Examination 20011213 Request for preliminary examination prior to end of 19th month from priority date

#### Patent and Priority Information (Country, Number, Date):

Patent: ... 20010907

Fulltext Availability:

Detailed Description

Publication Year: 2001

#### Detailed Description

... a generalized

transaction profile vector 301 according to the present invention. As described above, the transaction profile vector is generally made up of a profile ID and actual profiling contents. The profile ID may have a plurality of component

attribute vectors. At a minimum, the profile ID comprises a unique identifier for the profile vector generated from the transaction. In the case of an anonymous profile, the profile ID may simply be a random value. Additionally, the profile ID will preferably comprise other...

? t43/5,k/22,24

43/5,K/22 (Item 14 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00359545 \*\*Image available\*\*  
PROTECTING CONFIDENTIAL INFORMATION IN A DATABASE FOR ENABLING TARGETED  
ADVERTISING IN A COMMUNICATIONS NETWORK  
PROTECTION D'INFORMATIONS CONFIDENTIELLES DANS UNE BASE DE DONNEES  
AUTORISANT UNE DEMARCHE PUBLICITAIRE CIBLEE DANS UN RESEAU DE  
COMMUNICATION

Patent Applicant/Assignee:  
BELL COMMUNICATIONS RESEARCH INC,

Inventor(s):

GIFFORD Warren Stanton,  
GRIFFETH Nancy Davis,  
KATZ James Everett,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9642059 A1 19961227  
Application: WO 96US9703 19960610 (PCT/WO US9609703)  
Priority Application: US 95490001 19950612

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AU CA JP MX NZ AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Main International Patent Class (v7): G06F-017/30

Publication Language: English

Fulltext Availability:

Detailed Description  
Claims

Fulltext Word Count: 9765

#### English Abstract

Protecting a database against the deduction of confidential values contained therein is accomplished by partitioning the database into public and private values (202), some of which public values are deemed more important than others (203). The private attribute values are electronically processed (204-226) to reduce any high correlation between the public values and the private values. Specifically the processor partitions the database (204-210) into safe tuples and unsafe tuples, which unsafe tuples have high correlative public values (216-218). The processor then selectively combines the public attribute values of the tuples (220) to camouflage such tuples from deduction of their private attribute values beyond a threshold level of uncertainty (226).

#### French Abstract

Cette invention se rapporte a la protection d'une base de donnees contre la deduction de valeurs confidentielles contenues dans ladite base de donnees. On parvient a proteger les valeurs confidentielles en procedant a un decoupage de la base de donnees en partitions de valeurs publiques d'une part et en partitions de valeurs privees (202) d'autre part, certaines des valeurs publiques etant estimees plus importantes que d'autres (203). On traite electroniquement (204-226) les valeurs d'attributs prives de facon a reduire toute correlation elevee entre les valeurs publiques et les valeurs privees. De maniere specifique, le processeur effectue une partition de la base de donnees (204-210) en

lignes protegees et en lignes non protegees, ces lignes non protegees ayant des valeurs publiques a correlation elevee (216-218). Le processeur combine ensuite selectivement les valeurs des attributs publics de ces lignes (220) de facon a dissimuler ces lignes pour eviter la deduction de leurs valeurs d'attributs prives au-dela d'un niveau seuil d'incertitude (226).

Patent and Priority Information (Country, Number, Date):

Patent: ... 19961227

Fulltext Availability:

Detailed Description

Publication Year: 1996

Detailed Description

... confidential information about the customers in the database from, for example, the mere number of aliases returned in response to a profile query

To achieve this protection in the present invention, the attributes are divided into two...processor 155 can also receive from the advertisers 121-122, such as the advertiser 122, profiles containing queries for execution against the relational database. In response, the processor 155 identifies the tuples of the relational database which match the profile. The processor 155 then transmits the identifier and the aliases to the advertiser 122

The processor 155 and memory 160 of the filter station 150...of advertisers to deduce private information from results returned by the filter station 150 in response to profile queries submitted by the advertisers. In the discussions below, it is presumed that the advertisers use the number of returned aliases to deduce private information, although the discussion is general enough to apply to any result returned in response to profile queries

The processing of the processor 155 and memory 160 can be summarized as...

43/5,K/24 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00242169 \*\*Image available\*\*

INDIVIDUALIZED PROMOTIONAL PROGRAMMING

PROGRAMMATION DE PROMOTIONS COMMERCIALES INDIVIDUALISEES

Patent Applicant/Assignee:

ADVANCED PROMOTION TECHNOLOGIES,

Inventor(s):

HUMBLE David R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9316443 A1 19930819

Application: WO 93US1379 19930216 (PCT/WO US9301379)

Priority Application: US 92767 19920218

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BB BG BR CA FI HU JP KP KR LK MG MN MW NO NZ PL RO RU SD SK UA AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR SN TD TG

Main International Patent Class (v7): G06K-015/00

International Patent Class (v7): G06F-15:21

Publication Language: English

Fulltext Availability:

Detailed Description

Claims  
Fulltext Word Count: 5888

**English Abstract**

An individualized promotional programming network has a number of retail establishments (78), each including at least one checkout station (20) operable to identify products presented by a customer for purchase. An audiovisual display (50), preferably with moving picture video, is disposed at the checkout (20) and viewed by the customer. Varied programs can be displayed, at least some of their subject matter relating to product promotion. An input device (62) such as a touch screen allows the customer to input preferences. Programs are selected for display based on the customer preferences, a stored customer profile, and the identity of the products, the profile being updated as needed. The profile can be modified and/or updated in view of the nature of the products presented for purchase, which are typically scanned for UPC codes.

**French Abstract**

Un reseau de programmation de promotions commerciales individualisees dessert plusieurs magasins de vente au detail (78) dont chacun est dote d'au moins une caisse enregistreuse (20) permettant d'identifier les produits qu'un client desire acheter. Le client peut regarder un affichage audiovisuel (50), comportant de preference une image video mobile, place a la caisse (20). On peut y voir differents programmes dont la teneur concerne au moins partiellement la promotion de produits. Un dispositif d'entree (62), tel qu'un ecran tactile, permet au client d'indiquer ses preferences qui regissent alors le programme affiche, lequel depend aussi d'un profil de client memorise et des caracteristiques des produits. On peut modifier et/ou mettre a jour ce profil en tenant compte de la nature des produits mis en vente qui font l'objet d'un code uniforme de produit (CUP) permettant la lecture optique d'un code a barres.

**Patent and Priority Information (Country, Number, Date):**

Patent: ... 19930819

**Fulltext Availability:**

Detailed Description

Publication Year: 1993

**Detailed Description**

... 80 can store historical data on individual customers who are identified as part of the transaction. Preferably, an electronic marketing profile is maintained for each customer, the customer's profile being correlated to an identity code. The identity code, as well as at least part of the customer's profile information, can be...

File 387:The Denver Post 1994-2007/Jan 31  
 (c) 2007 Denver Post  
 File 471:New York Times Fulltext 1980-2007/Feb 01  
 (c) 2007 The New York Times  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
 (c) 2002 Phoenix Newspapers  
 File 494:St Louis Post-Dispatch 1988-2007/Jan 31  
 (c) 2007 St Louis Post-Dispatch  
 File 631:Boston Globe 1980-2007/Jan 31  
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 (c) 2007 Philadelphia Newspapers Inc  
 File 638:Newsday/New York Newsday 1987-2007/Feb 01  
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 (c) 2007 Atlanta Newspapers  
 File 714:(Baltimore) The Sun 1990-2007/Jan 31  
 (c) 2007 Baltimore Sun  
 File 715:Christian Sci.Mon. 1989-2007/Feb 01  
 (c) 2007 Christian Science Monitor  
 File 725:(Cleveland)Plain Dealer Aug 1991-2007/Jan 31  
 (c) 2007 The Plain Dealer  
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 File 710:Times/Sun.Times(London) Jun 1988-2007/Feb 01  
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 File 711:Independent(London) Sep 1988-2006/Dec 12  
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 File 756:Daily/Sunday Telegraph 2000-2007/Feb 01  
 (c) 2007 Telegraph Group  
 File 757:Mirror Publications/Independent Newspapers 2000-2007/Feb 01  
 (c) 2007

Set	Items	Description
S1	49545	ALIAS??? OR PSEUDONYM? OR PSUEDONYM? OR COVERNAME? OR CODE- NAME? OR CRYPTONYM? ? OR NOM(1W)GUERRE? ? OR ANANYM? ?
S2	160547	ANONYM? ? OR NICK()NAME? ? OR NICKNAME?
S3	35591	(COVER OR FICTITIOUS OR FALSE OR CODE OR ASSUMED OR SECRET- ) (1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)
S4	275	ANONYMOUS(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S5	0	ANONYMOUS(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S6	3187	UNIQUE(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S7	0	UNIQUE(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S8	20	ANONYMOUS(25N)S6:S7
S9	2059	(S1:S5 OR S8)(5N)(MEMBER? ? OR PARTICIPANT? OR USER? ? OR -

SUBSCRIBER? ? OR BUYER? ? OR PATRON? ? OR PURCHASER? OR CONSUMER?)  
 S10 614 (S1:S5 OR S8)(5N)(CUSTOMER? ? OR SHOPPER? ? OR CLIENT? ? OR CONSIGNER? ? OR PROCURER? ? OR BIDDER? ? OR CALLER? ? OR REQUEST?R? ?)  
 S11 1200 (S1:S5 OR S8)(5N)(SEARCHER? ? OR ENTITY? ? OR CONSTITUENT? ? OR INDIVIDUAL? ? OR PERSON? ? OR ESHOPPER? OR VISITOR? ? OR AFFILIATE? ?)  
 S12 702 (S1:S5 OR S8)(5N)(PARTY? ? OR GUEST? ? OR SURFER? ? OR WEB-SURFER?)  
 S13 6175801 TRANSACTION? ? OR ACTIVIT??? OR RESPOND??? OR RESPONSE? ? - OR BEHAVIOUR? OR BEHAVIOR? OR HABIT? ? OR PATTERN? ? OR HISTORY?  
 S14 2035948 HISTORIES OR PURCHASE OR PURCHASES OR PURCHASED OR PURCHASING OR BOUGHT  
 S15 894189 PROFILE? ? OR PROFILING  
 S16 20206 S15(5N)(CREAT???? OR GENERAT???? OR DEVELOP????? OR CONSTRUCT????? OR BUILD??? OR BUILT OR PRODUCE? ? OR PRODUCING OR PRODUCTION? ?)  
 S17 4319 S15(5N)(PROD? ? OR SYNTHESI? OR PREPAR??? OR PREPARATION? ? OR PREP? ? OR PRPN? ? OR DERIV????? OR COMPIL? OR ESTABLISH?????)  
 S18 1655 (FICTIONAL OR SYMBOLIC OR ALTERNATE OR ALTERNATIVE)(1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)  
 S19 17 DECOY(1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)  
 S20 4 (S9:S12 OR S18:S19)(S)S16:S17  
 S21 1800 S16:S17(S)S13:S14  
 S22 1 S21(S)(S9:S12 OR S18:S19)  
 S23 25876 S15(15N)S13:S14  
 S24 46 S23(S)(S1:S5 OR S8 OR S18:S19)  
 S25 3 AU='MASCARENHAS'  
 S26 52 S20 OR S22 OR S24:S25  
 S27 12 S26/2001:2007  
 S28 40 S26 NOT S27  
 S29 40 RD (unique items)

29/3,K/1 (Item 1 from file: 471)  
 DIALOG(R)File 471:New York Times Fulltext  
 (c) 2007 The New York Times. All rts. reserv.

03885676 NYT Sequence Number: 113778990408 (USE FORMAT 7 FOR FULLTEXT)  
 STATE OF THE ART; Internet Hide And Seek  
 Peter H. Lewis  
 New York Times, Late Edition - Final ED, COL 05, P 1  
 Thursday April 8 1999  
 DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext  
 SECTION HEADING: SECTG  
 Word Count: 1611

... s Bell Labs, another anonymity system called the Lucent Personalized Web Assistant allows a Web user to create a pseudonym for each Web site; the same pseudonym would be used on each visit. The Web site operator would not know the visitor's true identity but could still build a profile of the user's preferences that could be used to tailor advertisements and content to...

29/3,K/17 (Item 3 from file: 638)  
 DIALOG(R)File 638:Newsday/New York Newsday  
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10517099

LIFE IN CYBERSPACE / Freedom to Enjoy Internet Privacy

Newsday (ND) - Monday January 17, 2000

By: Leslie Walker. Leslie Walker is a writer for the Washington Post.

Edition: ALL EDITIONS Section: PLUGGED IN Page: C02

Word Count: 778

TEXT:

... am testing a month-old privacy tool called Freedom. It cloaks my identity in a pseudonym and encrypts any data that I send multiple times before dispatching it through cyberspace.

Freedom...

...incognito as they travel the web simply by pointing and clicking at tiny pictures of aliases they create called "nymz." Not even Zero-Knowledge Systems Inc., the software creator, will know...

...a central database, Zero-Knowledge uses a double-blind system of electronic "tokens" to create pseudonyms , and stores the digital keys on each consumer's computer. Only consumers have access to...

...hops along the Internet.

And big web advertising networks such as DoubleClick Inc. are compiling profiles of our Web-browsing habits and storing them in their giant databases.

While the software may make traveling on the...

? t29/9/1

29/9/1 (Item 1 from file: 471)

DIALOG(R)File 471:New York Times Fulltext  
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03885676 113778990408

STATE OF THE ART; Internet Hide And Seek

Peter H. Lewis

New York Times, Late Edition - Final ED, COL 05, P 1  
Thursday April 8 1999

DOCUMENT TYPE: Newspaper JOURNAL CODE: NYT LANGUAGE: English

RECORD TYPE: Fulltext SECTION HEADING: SECTG

Word Count: 1611

ABSTRACT:

Debate arises over whether communications on Internet should be traceable in some circumstances; behind the debate are new technologies that enable even casual Internet users to be anonymous on line and other technologies that gather ever more personal data from users; photo; drawing (M)

TEXT:

WASHINGTON, April 7 - He did his best to remain anonymous, but within days after an expert programmer released the Melissa computer virus into the world late last month, the police reported that his identity had been cracked. Investigators used a tracking mechanism the Microsoft Corporation had secretly installed in its Office software to gather information on its customers surreptitiously.

In Yugoslavia, meanwhile, messages poured onto the Internet from the war zone, providing what appeared to be firsthand accounts of Serbian atrocities against ethnic Albanians in Kosovo. Privacy advocates realized that if the Serbian authorities were able to trace the identities of the writers, many lives could be lost. Ominously, messages from some writers

had stopped suddenly.

The privacy groups moved swiftly to provide the writers with special access to Anonymizer.com, an Internet service that allows users to be anonymous and untraceable on line, and with information about PGP, a data encryption program so strong that the United States prohibits its export.

These two cases, worlds apart, underscore a growing dilemma that now confronts the electronic world. "Anonymity has incontestable value in a huge number of situations, and it is constitutionally protected," said Philip Reitinger, a prosecutor for the Justice Department, speaking at a Computers, Freedom and Privacy conference here today. Moments later, during a panel discussion, he added, "If you're serious about prosecuting crime on the global communications infrastructure, you have to have traceability.

"Should communications on the Internet be traceable in some circumstances? And if so, what should the rules be?"

The issue is a broad one because anonymity is not of interest only to criminals and dissidents, and not available only to the technically astute. New technologies are emerging that enable even casual Internet users to be anonymous on line for the first time. At the same time, new technologies are being deployed to gather ever more personal information from users.

In recent weeks, a debate has emerged over new technologies that have been deployed to allow companies to track individual users on the Internet. The Intel Corporation embedded a unique identification number in its Pentium III processor that would enable network operators to identify individual computers on the Internet, and the Microsoft Corporation designed a "globally unique identifier" that secretly appears in Microsoft Office documents and can be used to trace files back to a specific person. The Microsoft Office identification number was used in the Melissa investigation.

Some privacy tools are being simplified and made available commercially to a broad audience, allowing anyone to browse the World Wide Web and use E-mail without being identified. The technologies are morally neutral. They could be used, for example, to commit a crime or to report one anonymously. The tools, like the Anonymizer ([www.anonymizer.com](http://www.anonymizer.com)), are also useful simply for browsing the Web without having to give up personal information to marketers, for visiting sex-related Web sites without potential embarrassment, posting messages on newsgroups using pseudonyms and for avoiding spam, the bulk-mail advertising pitches that advertisers send incessantly to E-mail addresses they have culled from the Net.

"The Internet has shifted the balance away from privacy, and these are attempts to bring it back," said David Banisar, an officer of the Electronic Privacy Information Center ([www.epic.org](http://www.epic.org)).

There are other anonymity systems in the works. At AT&T Labs-Research in New Jersey, a system called Crowds is being tested that operates on the premise, familiar to any New Yorker, that one can be anonymous in a crowd. In the Crowds system, large groups of geographically dispersed Internet users would be able to band together and their individual Web page requests would be randomly forwarded through a shared computer called a proxy server. The operator of the Web site would not know which member of the crowd submitted the request, and neither would anyone else in the crowd. More information is available at [www.research.att.com/projects/crowds](http://www.research.att.com/projects/crowds).

At the Lucent Corporation's Bell Labs, another anonymity system called the Lucent Personalized Web Assistant allows a Web user to create a pseudonym for each Web site; the same pseudonym would be used on each visit. The Web site operator would not know the visitor's true identity but could still build a profile of the user's preferences that could be used to tailor advertisements and content to the customer on subsequent visits. More information about Lucent's system is available at [www.bell-labs.com/project/lpwa](http://www.bell-labs.com/project/lpwa).

Yet another anonymity system under development, this one at the Government's Naval Research Laboratory, is Onion Routing. An Onion Router ([www.onion-router.net](http://www.onion-router.net)) hides not only the content of messages, but also the very fact that two people are communicating over a public network.

One of the more intriguing anonymity services under development is Freedom, a Windows program developed by a Canadian company, Zero Knowledge

Systems (www.zeroknowledge.com). Freedom, which is expected to be available for public testing next month, is similar to the Lucent system in that it enables users to establish pseudonyms that are consistent over time. That would allow a user to participate freely in a discussion group without worrying about being identified.

Freedom is expected to cost \$50 a year for five separate digital pseudonyms (extra identities are \$10 a year). These on-line personas cannot be traced to reveal the user's identity.

The technical details of the system, including strong data encryption, masked Internet addresses and proxy servers, are hidden behind a simple user interface, which I've tried in early form. After a user chooses a persona by clicking on it, all identifying information is stripped from the original request and replaced by the information created for the pseudonym.

Millions of Internet users already employ pseudonyms; America Online, for example, calls them screen names and allows each subscriber to have several. But in most cases a pseudonym can be traced to its real owner, often when the Internet company is compelled by a court order to divulge the information or is tricked into doing so.

For example, the giant defense contractor Raytheon Corporation sued more than 20 employees earlier this year for posting pseudonymous messages about the company on the Internet. At least two employees resigned after Yahoo, in response to a court subpoena, revealed the true identities behind the postings. Raytheon asserts that the messages, which contained gossip and criticisms of the company, divulged proprietary and confidential information.

With Freedom, not even Zero Knowledge Systems can link the pseudonyms to a user's real identity. The company knows only that the person has a Freedom account.

The oldest commercial service offering anonymity, and the only one currently available to users of any Internet-connected computer, is Anonymizer.com. Unlike Freedom, Anonymizer does not require the user to download or install any special software. For a fee of \$5 a month, users

can process web browsing requests and send messages through Anonymizer's proxy servers. (There is also an unlimited free browsing service, but Anonymizer inserts a delay, typically 10 seconds, on page views in the free service. The paid service has no delays.) For an extra fee, Anonymizer will also allow users to receive E-mail responses and set up Web pages.

In either case, the user types the address of the Web site to be visited, and the request is sent to Anonymizer's proxy computer. The proxy strips off the customer's identifying information and forwards the request to the Web site, which knows only that the request is coming from Anonymizer. The page or graphics file is then returned to the user's computer, and the site can be bookmarked for return visits with the anonymity intact.

If a company is tracking Web usage by its employees -- which the courts have ruled is legally permissible, along with reading employees' E-mail and listening to their phone calls -- it will see only that the user is connected to Anonymizer.com, but it will not be able to find out what sites are being visited. For that reason, a number of companies prohibit employee access to the Anonymizer site. Other companies use Anonymizer regularly to visit the Web sites of competitors and gather information, and law enforcement agencies use it routinely to check up on people under investigation.

At the other end of the line, some commercial sites do not allow connections from Anonymizer, either because they require visitors to provide personal information before granting them access or because they have had bad experiences with Anonymizer users who abused the system with bogus credit card scams or harassing messages. Anonymizer was forced to block its users' access to the White House Web site because customers were sending threats to the President.

Anonymizer boots out customers who try to use the system to send batches of spam, or in response to complaints from people being harassed

through the site.

As with all of the anonymous services now being developed for the Internet, the good has to be balanced with the bad. "The real world is routinely anonymous," said Lance Cottrell, Anonymizer's chief executive. "When you drive down the street, typically there is no one photographing your license plate, no one keeping track of where you park and how long you stay. What's unusual about the Internet is that everything is by default logged and tracked. What's aberrant is not the presence of anonymity on the Internet, but that you have to take special steps to achieve it."

CAPTIONS: Photo: Austin Hill, president of Zero Knowledge Systems. (Shana Rabb for The New York Times)(pg. G3)

Drawing (Stuart Goldenberg)(pg. G1)

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DESCRIPTORS: Computers and the Internet; Privacy; Computer Security

PERSONAL NAMES: Lewis, Peter H

File 696: DIALOG Telecom. Newsletters 1995-2007/Jan 31  
(c) 2007 Dialog  
File 15: ABI/Inform(R) 1971-2007/Feb 01  
(c) 2007 ProQuest Info&Learning  
File 141: Readers Guide 1983-2007/Nov  
(c) 2007 The HW Wilson Co  
File 484: Periodical Abs Plustext 1986-2007/Jan W4  
(c) 2007 ProQuest  
File 553: Wilson Bus. Abs. 1982-2007/Jan  
(c) 2007 The HW Wilson Co  
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File 613: PR Newswire 1999-2007/Feb 01  
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File 810: Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 610: Business Wire 1999-2007/Feb 01  
(c) 2007 Business Wire.  
File 369: New Scientist 1994-2007/Oct W4  
(c) 2007 Reed Business Information Ltd.  
File 370: Science 1996-1999/Jul W3  
(c) 1999 AAAS  
File 20: Dialog Global Reporter 1997-2007/Feb 01  
(c) 2007 Dialog

Set	Items	Description
S1	111771	ALIAS??? OR PSEUDONYM? OR PSUEDONYM? OR COVERNAME? OR CODE- NAME? OR CRYPTONYM? ? OR NOM(1W)GUERRE? ? OR ANANYM? ?
S2	118832	ANONYM? ? OR NICK()NAME? ? OR NICKNAME?
S3	59470	(COVER OR FICTITIOUS OR FALSE OR CODE OR ASSUMED OR SECRET- (1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)
S4	477	ANONYMOUS(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S5	0	ANONYMOUS(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S6	21395	UNIQUE(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES OR - ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S7	121	UNIQUE(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S8	70	ANONYMOUS(25N)S6:S7
S9	5495	(S1:S5 OR S8)(5N)(MEMBER? ? OR PARTICIPANT? OR USER? ? OR - SUBSCRIBER? ? OR BUYER? ? OR PATRON? ? OR PURCHASER? OR CONSU- MER?)
S10	1938	(S1:S5 OR S8)(5N)(CUSTOMER? ? OR SHOPPER? ? OR CLIENT? ? OR CONSIGNER? ? OR PROCURER? ? OR BIDDER? ? OR CALLER? ? OR REQ- UEST?R? ?)
S11	2655	(S1:S5 OR S8)(5N)(SEARCHER? ? OR ENTITY? ? OR CONSTITUENT? ? OR INDIVIDUAL? ? OR PERSON? ? OR ESHOPPER? OR VISITOR? ? OR AFFILIATE? ?)
S12	1343	(S1:S5 OR S8)(5N)(PARTY? ? OR GUEST? ? OR SURFER? ? OR WEB- SURFER?)
S13	16636033	TRANSACTION? ? OR ACTIVIT??? OR RESPOND??? OR RESPONSE? ? - OR BEHAVIOUR? OR BEHAVIOR? OR HABIT? ? OR PATTERN? ? OR HISTO- RY?
S14	5390651	HISTORIES OR PURCHASE OR PURCHASES OR PURCHASED OR PURCHAS- ING OR BOUGHT
S15	2552501	PROFILE? ? OR PROFILING
S16	103979	S15(5N)(CREAT???? OR GENERAT???? OR DEVELOP????? OR CONSTR- UCT???? OR BUILD??? OR BUILT OR PRODUCE? ? OR PRODUCING OR PR- ODUCTION? ?)
S17	16802	S15(5N)(PROD? ? OR SYNTHESI? OR PREPAR??? OR PREPARATION? ?

OR PREP? ? OR PRPN? ? OR DERIV?????? OR COMPIL? OR ESTABLISH-  
?????)  
S18 3212 (FICTIONAL OR SYMBOLIC OR ALTERNATE OR ALTERNATIVE)(1w)(NA-  
ME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNA-  
ME? ?)  
S19 43 DECOY(1w)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENT-  
ITIES OR USERNAME? ?)  
S20 34 (S9:S12 OR S18:S19)(S)S16:S17  
S21 19016 S16:S17(S)S13:S14  
S22 12 S21(S)(S9:S12 OR S18:S19)  
S23 106166 S15(15N)S13:S14  
S24 109 S23(S)(S1:S5 OR S8 OR S18:S19)  
S25 142 S20 OR S22 OR S24  
S26 73 S25/2001:2007  
S27 2 AU='MASCARENHAS, DESMOND'  
S28 69 S25 NOT S26  
S29 71 S28 OR S27  
S30 56 RD (unique items)

30/3,K/2 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)  
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02241259 84987620  
Information economics and libraries in the digital age  
Philip M. Ray  
Bottom Line v9n2 PP: 29-34 1996  
ISSN: 0888-045X JRNLD CODE: BTTL  
WORD COUNT: 3711

...TEXT: democratic scheme.

There are a number of reasons why libraries will need to apply financial transaction systems into their digital libraries, and why some of the features of DigiCash may prove...

...control, libraries may decide to operate on a cost-recovery basis, or to use the transaction method to collect usage information rather than for charging purposes. The usage information could provide...

...for improving service to users of digital libraries. Variations of David Chaum's work allows users to establish pseudonyms with a second party, say the library. That pseudonym uniquely and definitively identifies the user, but protects his or her real identity. This might be useful in a system that tracks a user's history of queries and document use. Such a system could use that information to develop a user profile which could improve the relevance of future queries, and perhaps customize the user-interface and...

30/3,K/3 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)  
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02074180 61955243  
The next VAS generation  
Fremaux, David  
Telecommunications v34n9 PP: 113-119 Sep 2000  
ISSN: 0040-2494 JRNLD CODE: TIE  
WORD COUNT: 1972

...TEXT: such as real-time chat. Mobile users typically join a forums) via an interactive voice responder (IVR) server, and answering a few profile questions to determine preferences. A registration message and a

micro-tutorial is then sent back. The user responds with an anonymous nickname and can start to use the service. This approach allows operators to introduce the service...

...work

virtual community services operate by means of a central database which tracks all the profiles and nicknames ; a server for managing interactive voice transactions for profiling and registration/deregistration); and a multiprotocol delivery platform for managing synchronous communications.

Content is available...that date, almost 25 per cent of the sample population have gone through interactive voice responder profiling , and approximately ten per cent of the sample population have supplied nicknames and are active members. From a subsequent poll of this base after two months, only...

30/3,K/5 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01765271 04-16262  
Consistent, yet anonymous, Web access with LPWA  
Gabber, Eran; Gibbons, Phillip B; Kristol, David M; Matias, Yossi; Mayer, Alain  
Communications of the ACM v42n2 PP: 42-47 Feb 1999  
ISSN: 0001-0782 JRNLD CODE: ACM  
WORD COUNT: 3725

...TEXT: is protected by LPWA, since aliases cannot be translated back to usernames. In addition, the user has different aliases for different Web sites, which prevents collusion of Web sites and creation of user profiles or dossiers based on common keys. However, the user should be careful not to provide...

30/3,K/10 (Item 9 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00873835 95-23227  
Travels on the Net  
Steinberg, Stephen  
Technology Review v97n5 PP: 20-25+ Jul 1994  
ISSN: 0040-1692 JRNLD CODE: TCR  
WORD COUNT: 6118

...TEXT: issues. Advertisers do not like users to be anonymous. They want to be able to build customer profiles so they can, for example, target advertisements for Scotch to affluent people. To satisfy both...

...profile information--ensuring that ads go to the right people while keeping advertisers from knowing individual names. Such "pseudonymity" would be a reasonable compromise between anonymity, accountability, and privacy.

\* Everyone must have access to...

30/3,K/11 (Item 10 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00658367 93-07588

The Next Generation of Public Access Information Retrieval Systems for Research Libraries: Lessons from Ten Years of the MELVYL System

Lynch, Clifford A.

Information Technology & Libraries v11n4 PP: 405-415 Dec 1992

ISSN: 0730-9295 JRNL CODE: JLA

WORD COUNT: 7851

...TEXT: session to another without the need to identify them, such as self-registry with a nickname. These features limit function in that if the system is to interact dynamically with a...

...workstation, thus compromising anonymity; but they do allow the system to remember user preferences and activity profiles, thus allowing some improvements.

Further it is possible to develop an infrastructure of trusted "brokers..."

30/3,K/13 (Item 1 from file: 141)

DIALOG(R)File 141:Readers Guide

(c) 2007 The HW Wilson Co. All rts. reserv.

04264455 H.W. WILSON RECORD NUMBER: BRGA00014455

Protecting your privacy online.

AUGMENTED TITLE: Freedom from Zero Knowledge Systems

Foust, Jeff.

Technology Review (Cambridge, Mass.: 1998) v. 103 no2 (Mar./Apr. 2000) p.

30

LANGUAGE: English

ABSTRACT: Zero Knowledge Systems' Freedom software lets Internet users keep their activities private. Firms can combine information voluntarily submitted by users with data automatically transmitted by a user's web browser and other software to build a detailed profile of an individual. In December, the Montreal-based Zero Knowledge Systems unveiled Freedom, which uses advanced encryption software to hide the true identity of an Internet user behind a pseudonym that no one other than the user knows. Freedom users download the client software from...

30/3,K/18 (Item 4 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2007 ProQuest. All rts. reserv.

03384715

Leaderless polypeptides efficiently extracted from whole cells by osmotic shock

Thorstenson, Yvonne R; Zhang, Yang; Olson, Pamela S; Mascarenhas, Desmond  
Journal of Bacteriology (IJBC), v179 n17, p5333-5339, p.7

Sep 1997

ISSN: 0021-9193 JOURNAL CODE: IJBC

DOCUMENT TYPE: Feature

LANGUAGE: English RECORD TYPE: Abstract

... Mascarenhas, Desmond

30/3,K/26 (Item 12 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2007 ProQuest. All rts. reserv.

00158411

Genetically Transformed Maize Plants from Protoplasts

Rhodes, Carol A.; Pierce, Dorothy A.; Mettler, Irvin J.; Mascarenhas, Desmond ; Detmer, Jill J.  
Science (GSCI), v240 n4849, p204-207, p.4  
Apr 8, 1988  
ISSN: 0036-8075 JOURNAL CODE: GSCI  
DOCUMENT TYPE: Feature  
LANGUAGE: English RECORD TYPE: Abstract  
LENGTH: Long (31+ col inches)

... Mascarenhas, Desmond  
? t30/3,k/29-31,33

30/3,K/29 (Item 2 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1103208 LATU044  
Infoseek Launches Ultramatch; Advanced Behavioral Targeting of Internet Advertising

DATE: May 27, 1997 07:30 EDT WORD COUNT: 1,214

... the privacy and integrity of individual users through encryption technology that assigns each user an anonymous code . Working unobtrusively, Ultramatch derives key targeting information from mathematical inferences about users, based on behavioral patterns . Consumers do not disclose their identities or e-mail addresses. User profiles contain only information related to users' observed interests, while information related to users' actual searches...

30/3,K/30 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2007 PR Newswire Association Inc. All rts. reserv.

00350518 20000608PHTH023 (USE FORMAT 7 FOR FULLTEXT)  
Improving the Lives of America's Teens - Not-for-Profit, Teen-Help Web Site Receives Extraordinary 2 Million Hits Per Month  
PR Newswire  
Thursday, June 8, 2000 14:09 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 860

...is self-guiding, problem solving and personalized, with each teen logging on with a nontraceable code name . 50,414 young adults have anonymously registered on the site and shared 23,251 stories with experts at KidsPeace and their peers. 31,694 teens have responded to those stories, sharing advice and experience of their own.

Through a revolutionary " profile builder" the site identifies kids' personal information, demographics and problem issues. The site then selectively...

30/3,K/31 (Item 2 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2007 PR Newswire Association Inc. All rts. reserv.

00208622 19991103PHW068 (USE FORMAT 7 FOR FULLTEXT)  
CitX Launches NotarX - First Portal and web-based Digital Identity

**Certification Service for Notaries**

PR Newswire

Wednesday, November 3, 1999 16:04 EST

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,263

...its partner Baltimore Technologies recently developed. Unique to the NotarX system is CitX's patented **pseudonyms** data warehouse architecture and processing method, which enables user Identity Profiles and their matching Integrity...

...be securely stored and transmitted across the Internet without the need of encryption. The Integrity Profile database maintains an ongoing history of the user's transaction activities stored in a **pseudonymous** fashion. This Integrity Profile can be used by subscribing clients to quickly flag a prospect for user identity fraud...

30/3,K/33 (Item 4 from file: 613)

DIALOG(R)File 613:PR Newswire

(c) 2007 PR Newswire Association Inc. All rts. reserv.

00160103 19990806PHF025 (USE FORMAT 7 FOR FULLTEXT)

CitX Acquires Unique Relationship Marketing Technology and 15% Equity Interest In iReactor Technology Group

PR Newswire

Friday, August 6, 1999 17:08 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 742

...Delineating particular transaction patterns, while at the same time protecting the individual's identity through **pseudonymization**, yields a valuable and unique advertising package for our customers. This technology allows CitX the...

...technologies to develop and deploy Internet-based products that enable businesses to automatically predict and **profile** the personal **habits** of consumers as they use the Internet or traditional point-of-sale systems."

ITG is...

File 9:Business & Industry(R) Jul/1994-2007/Jan 31  
 (c) 2007 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2007/Jan 31  
 (c) 2007 The Gale Group  
 File 47:Gale Group Magazine DB(TM) 1959-2007/Jan 25  
 (c) 2007 The Gale group  
 File 148:Gale Group Trade & Industry DB 1976-2007/Jan 25  
 (c) 2007 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2007/Jan 31  
 (c) 2007 The Gale Group  
 File 570:Gale Group MARS(R) 1984-2007/Jan 31  
 (c) 2007 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2007/Jan 25  
 (c) 2007 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2007/Jan 31  
 (c) 2007 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2007/Jan 31  
 (c) 2007 San Jose Mercury News  
 File 649:Gale Group Newswire ASAP(TM) 2007/Jan 10  
 (c) 2007 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2007/Jan 31  
 (c) 2007 The Gale Group  
 File 647:CMP Computer Fulltext 1988-2007/Apr w1  
 (c) 2007 CMP Media, LLC  
 File 674:Computer News Fulltext 1989-2006/Sep w1  
 (c) 2006 IDG Communications  
 File 476:Financial Times Fulltext 1982-2007/Feb 01  
 (c) 2007 Financial Times Ltd

Set	Items	Description
S1	64491	ALIAS??? OR PSEUDONYM? OR PSUEDONYM? OR COVERNAME? OR CODE- NAME? OR CRYPTONYM? ? OR NOM(1W)GUERRE? ? OR ANANYM? ?
S2	50410	ANONYM? ? OR NICK()NAME? ? OR NICKNAME?
S3	87186	(COVER OR FICTITIOUS OR FALSE OR CODE OR ASSUMED OR SECRET- (1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)
S4	470	ANONYMOUS(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S5	0	ANONYMOUS(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S6	31264	UNIQUE(1W)(NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S7	202	UNIQUE(1W)(UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S8	85	ANONYMOUS(25N)S6:S7
S9	6720	(S1:S5 OR S8)(5N)(MEMBER? ? OR PARTICIPANT? OR USER? ? OR SUBSCRIBER? ? OR BUYER? ? OR PATRON? ? OR PURCHASER? OR CONSU- MER?)
S10	3532	(S1:S5 OR S8)(5N)(CUSTOMER? ? OR SHOPPER? ? OR CLIENT? ? OR CONSIGNER? ? OR PROCURER? ? OR BIDDER? ? OR CALLER? ? OR REQ- UEST?R? ?)
S11	1302	(S1:S5 OR S8)(5N)(SEARCHER? ? OR ENTITY? ? OR CONSTITUENT? ? OR INDIVIDUAL? ? OR PERSON? ? OR ESHOPPER? OR VISITOR? ? OR AFFILIATE? ?)
S12	465	(S1:S5 OR S8)(5N)(PARTY? ? OR GUEST? ? OR SURFER? ? OR WEB- SURFER?)
S13	13705227	TRANSACTION? ? OR ACTIVIT??? OR RESPOND??? OR RESPONSE? ? - OR BEHAVIOUR? OR BEHAVIOR? OR HABIT? ? OR PATTERN? ? OR HISTO- RY?
S14	7033344	HISTORIES OR PURCHASE OR PURCHASES OR PURCHASED OR PURCHAS- ING OR BOUGHT

S15 2527137 PROFILE? ? OR PROFILING  
S16 145459 S15(5N)(CREAT???? OR GENERAT???? OR DEVELOP????? OR CONSTR-  
UCT???? OR BUILD??? OR BUILT OR PRODUCE? ? OR PRODUCING OR PR-  
ODUCTION? ?)  
S17 20010 S15(5N)(PROD? ? OR SYNTHESI? OR PREPAR??? OR PREPARATION? ?  
OR PREP? ? OR PRPN? ? OR DERIV????? OR COMPIL? OR ESTABLISH-  
?????)  
S18 2865 (FICTIONAL OR SYMBOLIC OR ALTERNATE OR ALTERNATIVE)(1W)(NA-  
ME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNA-  
ME? ?)  
S19 64 DECOY(1W)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENT-  
ITIES OR USERNAME? ?)  
S20 41 (S9:S12 OR S18:S19)(S)S16:S17  
S21 21505 S16:S17(S)S13:S14  
S22 3 S21(S)(S9:S12 OR S18:S19)  
S23 146818 S15(15N)S13:S14  
S24 114 S23(S)(S1:S5 OR S8 OR S18:S19)  
S25 1 AU='MASCARENHAS, DESMOND'  
S26 1 AU='MASCARENHAS'  
S27 157 S20 OR S22 OR S24:S26  
S28 51 S27/2001:2007  
S29 106 S27 NOT S28  
S30 57 RD (unique items)

30/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2007 The Gale Group. All rts. reserv.

02106724 Supplier Number: 25628803 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
RealTarget Gets Dynamic  
(Cogit.com launching RealTarget 2.0, which enables e-marketers to define  
consumer preferences with precision, with a base cost of \$3,500/month)  
Online Reporter, p N/A  
March 13, 2000  
DOCUMENT TYPE: Newsletter (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 244

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...the first time, Cogit checks for that consumer in its database. It then  
matches the anonymous user ID with a category profile stored in the  
data mart for that particular site and uses...

...likely to appeal to the consumer. RealTarget's predictions auto-adapt  
based on visitors' actual responses, so the profiles get updated  
frequently, allowing a site to closely follow consumer trends and react  
quickly to...

30/3,K/15 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2007 The Gale Group. All rts. reserv.

06546481 Supplier Number: 55378433 (USE FORMAT 7 FOR FULLTEXT)  
CitX Acquires Unique Relationship Marketing Technology and 15% Equity  
Interest In iReactor Technology Group.  
PR Newswire, p7350  
August 6, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 709

... Delineating particular transaction patterns, while at the same time protecting the individual's identity through **pseudonymization** ; yields a valuable and unique advertising package for our customers. This technology allows Citx the...

...technologies to develop and deploy Internet-based products that enable businesses to automatically predict and **profile** the personal **habits** of consumers as they use the Internet or traditional point-of-sale systems." iTG is...

30/3,K/24 (Item 16 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2007 The Gale Group. All rts. reserv.

05084568 Supplier Number: 47464075 (USE FORMAT 7 FOR FULLTEXT)  
**Infoseek Launches Ultramatch**  
Internet Content Report, v2, n11, pN/A  
June 15, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; General  
Word Count: 663

... the privacy and integrity of individual users through encryption technology that assigns each user an **anonymous code** . Working unobtrusively, Ultramatch derives key targeting information from mathematical inferences about users, based on **behavioral patterns** . Consumers do not disclose their identities or e-mail addresses. User profiles contain only information related to users' observed interests, while information related to users' actual searches...

30/3,K/25 (Item 17 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2007 The Gale Group. All rts. reserv.

05052518 Supplier Number: 47416575 (USE FORMAT 7 FOR FULLTEXT)  
**Infoseek Launches Ultramatch; Advanced Behavioral Targeting of Internet Advertising**  
PR Newswire, p0527LATU044  
May 27, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1238

... the privacy and integrity of individual users through encryption technology that assigns each user an **anonymous code** . Working unobtrusively, Ultramatch derives key targeting information from mathematical inferences about users, based on **behavioral patterns** . Consumers do not disclose their identities or e-mail addresses. User profiles contain only information related to users' observed interests, while information related to users' actual searches...

30/3,K/34 (Item 4 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2007 The Gale group. All rts. reserv.

04123840 SUPPLIER NUMBER: 16087038 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Travels on the net. (Internet computer network)**  
Steinberg, Stephen  
Technology Review, v97, n5, p20(10)  
July, 1994  
ISSN: 0040-1692 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 6632 LINE COUNT: 00505

... issues. Advertisers do not like users to be anonymous. They want to be able to build customer profiles so they can, for example, target advertisements for Scotch to affluent people. To satisfy both...

...profile information--ensuring that ads go to the right people while keeping advertisers from knowing individual names. Such "pseudonymity" would be a reasonable compromise between anonymity, accountability, and privacy.

\* Everyone must have access to...  
? t30/3,k/54

30/3,K/54 (Item 1 from file: 674)  
DIALOG(R)File 674:Computer News Fulltext  
(c) 2006 IDG Communications. All rts. reserv.

086914  
Novell sets sights on ASPs  
Byline: Stephanie Sanborn  
Journal: Network World  
Publication Date: August 30, 2000  
Word Count: 489 Line Count: 46

**Text:**

... business services and a front-end piece such as Novell's planned NDS web portal, code - named Blackhawk, Novell executives said. According to Monty Sharma, vice president of service provider networks at...

...authenticated through eDirectory, which is included in the browser-based OnDemand. Based on an access profile , a user is presented with a selection of services and content to purchase . Back-end billing, reporting, and merchant services connect via the DirCommerce engine, which also tracks...  
?

File 2:INSPEC 1898-2007/Jan w3  
     (c) 2007 Institution of Electrical Engineers  
 File 6:NTIS 1964-2007/Jan w4  
     (c) 2007 NTIS, Intl Cpyrht All Rights Res  
 File 8:EI Compendex(R) 1884-2007/Jan w3  
     (c) 2007 Elsevier Eng. Info. Inc.  
 File 34:SciSearch(R) Cited Ref Sci 1990-2007/Jan w4  
     (c) 2007 The Thomson Corp  
 File 35:Dissertation Abs Online 1861-2007/Jan  
     (c) 2007 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2007/Feb 01  
     (c) 2007 BLDSC all rts. reserv.  
 File 94:JICST-Eplus 1985-2007/Feb w1  
     (c) 2007 Japan Science and Tech Corp(JST)  
 File 95:TEME-Technology & Management 1989-2007/Jan w4  
     (c) 2007 FIZ TECHNIK  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2007/Dec  
     (c) 2007 The HW Wilson Co.  
 File 144:Pascal 1973-2007/Jan w3  
     (c) 2007 INIST/CNRS  
 File 266:FEDRIP 2006/Dec  
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     (c) 2006 The Thomson Corp  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
     (c) 2002 The Gale Group  
 File 56:Computer and Information Systems Abstracts 1966-2007/Jan  
     (c) 2007 CSA.  
 File 60:ANTE: Abstracts in New Tech & Engineer 1966-2007/Jan  
     (c) 2007 CSA.  
 File 474:New York Times Abs 1969-2007/Feb 01  
     (c) 2007 The New York Times  
 File 475:Wall Street Journal Abs 1973-2007/Feb 01  
     (c) 2007 The New York Times

Set	Items	Description
S1	24415	ALIAS??? OR PSEUDONYM? OR PSUEDONYM? OR COVERNAME? OR CODE- NAME? OR CRYPTONYM? ? OR NOM(1W)GUERRE? ? OR ANANYM? ?
S2	3308	ANONYM? ? OR NICK()NAME? ? OR NICKNAME?
S3	3853	(COVER OR FICTITIOUS OR FALSE OR CODE OR ASSUMED OR SECRET- ) (1W) (NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)
S4	88	ANONYMOUS(1W) (NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S5	0	ANONYMOUS(1W) (UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S6	3611	UNIQUE(1W) (NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S7	23	UNIQUE(1W) (UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S8	26	ANONYMOUS(25N)S6:S7
S9	376	(S1:S5 OR S8) (5N) (MEMBER? ? OR PARTICIPANT? ? OR USER? ? OR SUBSCRIBER? ? OR BUYER? ? OR PATRON? ? OR PURCHASER? OR CONSU- MER?)
S10	56	(S1:S5 OR S8) (5N) (CUSTOMER? ? OR SHOPPER? ? OR CLIENT? ? OR CONSIGNER? ? OR PROCURER? ? OR BIDDER? ? OR CALLER? ? OR REQ- UEST?R? ?)
S11	149	(S1:S5 OR S8) (5N) (SEARCHER? ? OR ENTITY? ? OR CONSTITUENT? ? OR INDIVIDUAL? ? OR PERSON? ? OR ESHOPPER? OR VISITOR? ? OR AFFILIATE? ?)
S12	20	(S1:S5 OR S8) (5N) (PARTY? ? OR GUEST? ? OR SURFER? ? OR WEB- SURFER?)
S13	14611246	TRANSACTION? ? OR ACTIVIT??? OR RESPOND??? OR RESPONSE? ? - OR BEHAVIOR? OR BEHAVIOR? OR HABIT? ? OR PATTERN? ? OR HISTO-

RY?

S14 407257 HISTORIES OR PURCHASE OR PURCHASES OR PURCHASED OR PURCHAS-  
ING OR BOUGHT  
S15 1483951 PROFILE? ? OR PROFILING  
S16 85306 S15(5N)(CREAT???? OR GENERAT???? OR DEVELOP????? OR CONSTR-  
UCT???? OR BUILD??? OR BUILT OR PRODUC? ? OR PRODUCING OR PR-  
ODUCTION? ?)  
S17 31899 S15(5N)(PROD? ? OR SYNTHESI? OR PREPAR??? OR PREPARATION? ?  
OR PREP? ? OR PRPN? ? OR DERIV????? OR COMPIL? OR ESTABLISH-  
?????)  
S18 837 (FICTIONAL OR SYMBOLIC OR ALTERNATE OR ALTERNATIVE)(1w)(NA-  
ME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNA-  
ME? ?)  
S19 0 DECOY(1w)(NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENT-  
ITIES OR USERNAME? ?)  
S20 7 (S9:S12 OR S18) AND S16:S17  
S21 6 S16:S17 AND S13:S14 AND (S9:S12 OR S18)  
S22 83 S15(25N)S13:S14 AND (S1:S5 OR S8 OR S18)  
S23 86 S20:S22  
S24 42 S23/2001:2007  
S25 44 S23 NOT S24  
S26 36 RD (unique items)

? t26/7/31

26/7/31 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2007 The HW Wilson Co. All rts. reserv.

2062829 H.W. WILSON RECORD NUMBER: BAST00013964  
Protecting your privacy online  
AUGMENTED TITLE: Freedom from Zero Knowledge Systems  
Foust, Jeff;  
Technology Review (Cambridge, Mass.: 1998) v. 103 no2 (Mar./Apr. 2000) p.  
30  
DOCUMENT TYPE: Feature Article ISSN: 1099-274X

ABSTRACT: Zero Knowledge Systems' Freedom software lets Internet users keep their activities private. Firms can combine information voluntarily submitted by users with data automatically transmitted by a user's Web browser and other software to build a detailed profile of an individual. In December, the Montreal-based Zero Knowledge Systems unveiled Freedom, which uses advanced encryption software to hide the true identity of an Internet user behind a pseudonym that no one other than the user knows. Freedom users download the client software from <<http://www.freedom.net>> and install it on their computer and for an annual fee of \$49.95 can register five separate identities, or "nyms.".

File 2:INSPEC 1898-2007/Jan w3  
(c) 2007 Institution of Electrical Engineers  
File 6:NTIS 1964-2007/Jan w4  
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File 8:Ei Compendex(R) 1884-2007/Jan w3  
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File 95:TEME-Technology & Management 1989-2007/Jan w4

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File 266:FEDRIP 2006/Dec  
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File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
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(c) 2007 CSA.  
File 474:New York Times Abs 1969-2007/Feb 01  
(c) 2007 The New York Times  
File 475:Wall Street Journal Abs 1973-2007/Feb 01  
(c) 2007 The New York Times

Set	Items	Description
S1	4	AU='MASCARENHAS, D.' :AU='MASCARENHAS, D. D.'
S2	3	AU='MASCARENHAS, DESMOND'
S3	47	AU='MASCARENHAS D'
S4	2	AU='MASCARENHAS DESMOND'
S5	0	S1:S2 AND PROFIL?
?		

File 256:TecInfoSource 82-2007/Aug  
(c) 2007 Info.Sources Inc

Set	Items	Description
S1	73	ALIAS??? OR PSEUDONYM? OR PSUEDONYM? OR COVERNAME? OR CODE- NAME? OR CRYPTONYM? ? OR NOM(1W)GUERRE? ? OR ANANYM? ?
S2	6	ANONYM? ? OR NICK()NAME? ? OR NICKNAME?
S3	112	(COVER OR FICTITIOUS OR FALSE OR CODE OR ASSUMED OR SECRET- ) (1W) (NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNAME? ?)
S4	0	ANONYMOUS(1W) (NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES - OR ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S5	0	ANONYMOUS(1W) (UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S6	21	UNIQUE(1W) (NUMBER? ? OR IDENTIFIER? ? OR CODE OR CODES OR - ID OR IDS OR USERID? ? OR IDENTITY? ? OR IDENTITIES OR PIN OR PINS)
S7	0	UNIQUE(1W) (UIN OR UINS OR PID OR PIDS OR UID OR UIDS)
S8	0	ANONYMOUS(25N) S6:S7
S9	10	(S1:S5 OR S8)(5N) (MEMBER? ? OR PARTICIPANT? OR USER? ? OR - SUBSCRIBER? ? OR BUYER? ? OR PATRON? ? OR PURCHASER? OR CONSU- MER?)
S10	3	(S1:S5 OR S8)(5N) (CUSTOMER? ? OR SHOPPER? ? OR CLIENT? ? OR CONSIGNER? ? OR PROCURER? ? OR BIDDER? ? OR CALLER? ? OR REQ- UEST?R? ?)
S11	1	(S1:S5 OR S8)(5N) (SEARCHER? ? OR ENTITY? ? OR CONSTITUENT? ? OR INDIVIDUAL? ? OR PERSON? ? OR ESHOPPER? OR VISITOR? ? OR AFFILIATE? ?)
S12	0	(S1:S5 OR S8)(5N) (PARTY? ? OR GUEST? ? OR SURFER? ? OR WEB- SURFER?)
S13	5245	TRANSACTION? ? OR ACTIVIT??? OR RESPOND??? OR RESPONSE? ? - OR BEHAVIOUR? OR BEHAVIOR? OR HABIT? ? OR PATTERN? ? OR HISTO- RY?
S14	2113	HISTORIES OR PURCHASE OR PURCHASES OR PURCHASED OR PURCHAS- ING OR BOUGHT
S15	766	PROFILE? ? OR PROFILING
S16	138	S15(5N) (CREAT???? OR GENERAT???? OR DEVELOP????? OR CONSTR- UCT???? OR BUILD??? OR BUILT OR PRODUCE? ? OR PRODUCING OR PR- ODUCTION? ?)
S17	10	S15(5N) (PROD? ? OR SYNTHESI? OR PREPAR??? OR PREPARATION? ? OR PREP? ? OR PRPN? ? OR DERIV?????? OR COMPIL? OR ESTABLISH- ?????)
S18	1	(FICTIONAL OR SYMBOLIC OR ALTERNATE OR ALTERNATIVE)(1W) (NA- ME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENTITIES OR USERNA- ME? ?)
S19	0	DECOY(1W) (NAME? ? OR IDENTITY? ? OR IDENTIFIER? ? OR IDENT- ITIES OR USERNAME? ?)
S20	1	(S9:S12 OR S18) AND S16:S17
S21	1	S16:S17 AND S13:S14 AND (S9:S12 OR S18)
S22	206	S15 AND S13:S14
S23	2	S22 AND (S1:S5 OR S8 OR S18)
S24	2	S20:S21 OR S23

File 256:TecInfoSource 82-2007/Aug  
(c) 2007 Info.Sources Inc

Set	Items	Description
S1	0	AU='MASCARENHAS'

File 347:JAPIO Dec 1976-2006/Sep(updated 061230)

(c) 2007 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2007/ 200705

(c) 2007 European Patent Office

File 349:PCT FULLTEXT 1979-2007/UB=20070125UT=20070118

(c) 2007 WIPO/Thomson

File 350:Derwent WPIX 1963-2006/UD=200708

(c) 2007 The Thomson Corporation

Set      Items      Description

S1      27      AU='MASCARENHAS D':AU='MASCARENHAS D D'

S2      67      AU='MASCARENHAS DESMOND':AU='MASCARENHAS DESMOND 27233 SHE-RLOCK ROAD LOS AL'

S3      69      S1:S2

S4      12207      ANONYMOUS OR ALIAS

S5      5      S3 AND S4

5/5/1      (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01404955

SYSTEM AND METHOD FOR ANONYMOUS TRANSACTION IN A DATA NETWORK AND  
CLASSIFICATION OF INDIVIDUALS WITHOUT KNOWING THEIR REAL IDENTITY

SYSTEM UND VERFAHREN FUR ANONYME TRANSAKTIONEN IN EINEM DATENNETZWERK UND  
DIE EINTEILUNG VON PERSONEN OHNE KENNTNIS IHRER ECHTER IDENTITAT

SYSTEME ET PROCEDE DE TRANSACTION ANONYME DANS UN RESEAU DE DONNEES ET  
CLASSIFICATION D'INDIVIDUS SANS CONNAITRE LEUR REELLE IDENTITE

PATENT ASSIGNEE:

Protagen Inc., (3990210), Suite B, 525 Del Rey Avenue, Sunnyvale, CA  
94085, (US), (Applicant designated States: all)

INVENTOR:

MASCARENHAS, Desmond , 27223 Sherlock Road, Los Altos Hills, CA 94022,  
(US)

PATENT (CC, No, Kind, Date):

WO 2002005196 020117

APPLICATION (CC, No, Date): EP 2001959775 010705; WO 2001US41260 010705

PRIORITY (CC, No, Date): US 216492 P 000706

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 020313 A2 International application. (Art. 158(1))

Application: 020313 A2 International application entering European  
phase

Application: 030903 A1 International application. (Art. 158(1))

Appl Changed: 030903 A1 International application not entering European  
phase

Withdrawal: 030903 A1 Date application deemed withdrawn: 20030207

LANGUAGE (Publication,Procedural,Application): English; English; English

5/5/2      (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00875768      \*\*Image available\*\*

A METHOD AND SYSTEM FOR A DOCUMENT SEARCH SYSTEM USING SEARCH CRITERIA  
COMPRISED OF RATINGS PREPARED BY EXPERTS

PROCEDE ET SYSTEME POUR SYSTEME DE RECHERCHE DE DOCUMENTS UTILISANT DES  
CRITERES DE RECHERCHE COMPORTANT DES NOTATIONS PREPAREES PAR DES  
EXPERTS

Patent Applicant/Assignee:

PROTIGEN INC, Suite B, 525 Del Rey Avenue, Sunnyvale, CA 94085, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MASCARENHAS Desmond D , 27223 Sherlock Road, Los Altos Hills, CA 94022,  
US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BASINSKI Erwin J (et al) (agent), Morrison & Foerster LLP, 425 Market  
Street, San Francisco, CA 94105-2482, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200208946 A2-A3 20020131 (WO 0208946)

Application: WO 2001US23058 20010723 (PCT/WO US01023058)

Priority Application: US 2000220398 20000724

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/30

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 11583

English Abstract

The present invention provides a system and method for creating and maintaining a Biomedical document database, wherein the documents have been reviewed by biomedical and other experts, who have assigned taxonomic based indicia to each document wherein a specialized search engine can rapidly retrieve relevant documents based upon the commonly known taxonomy.

French Abstract

Cette invention se rapporte a un systeme et a un procede servant a creer et a entretenir une base de donnees de documents biomedicaux, dans laquelle les documents ont ete revisees par des specialistes de biomedecine et par d'autres experts, qui ont attribue a chaque document des indices taxonomiques, pour qu'un moteur de recherche specialise puisse rapidement retrouver les documents pertinents sur la base de la taxonomie la plus connue.

Legal Status (Type, Date, Text)

Publication 20020131 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20040401 Late publication of international search report

Republication 20040401 A3 With international search report.

Republication 20040401 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

5/5/3 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00871902

SYSTEM AND METHOD FOR ANONYMOUS TRANSACTION IN A DATA NETWORK AND  
CLASSIFICATION OF INDIVIDUALS WITHOUT KNOWING THEIR REAL IDENTITY  
SISTÈME ET PROCEDE DE TRANSACTION ANONYME DANS UN RÉSEAU DE DONNÉES ET  
CLASSIFICATION D'INDIVIDUS SANS CONNAÎTRE LEUR RÉELLE IDENTITÉ

Patent Applicant/Assignee:

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MASCARENHAS Desmond, 27223 Sherlock Road, Los Altos Hills, CA 94022, US  
, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BASINSKI Erwin J (et al) (agent), Morrison & Foerster LLP, 425 Market  
Street, San Francisco, CA 94105-2482, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205196 A2 20020117 (WO 0205196)

Application: WO 2001US41260 20010705 (PCT/WO US0141260)

Priority Application: US 2000216492 20000706

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10884

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020117 A2 with declaration under Article 17(2)(a); without  
abstract; title not checked by the International  
Searching Authority.

Examination 20021010 Request for preliminary examination prior to end of  
19th month from priority date

5/5/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00871884

SYSTEM AND METHOD FOR USING PSYCHOLOGICAL SIGNIFICANCE PATTERN INFORMATION  
FOR MATCHING WITH TARGET INFORMATION

SYSTÈME ET PROCEDE FAISANT APPEL A DES INFORMATIONS DE MODÈLES DE PORTEE  
PSYCHOLOGIQUE POUR LES METTRE EN CORRESPONDANCE AVEC DES INFORMATIONS  
CIBLES

Patent Applicant/Assignee:

PROTIGEN INC, Suite B, 525 Del Rey Avenue, Sunnyvale, CA 94085, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

MASCARENHAS Desmond, 27223 Sherlock Road, Los Altos Hills, CA 94022, US

, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

BASINSKI Erwin J (et al) (agent), Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200205123 A2 20020117 (WO 0205123)

Application: WO 2001US41261 20010705 (PCT/WO US0141261)

Priority Application: US 2000216469 20000706

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class (v7): G06F-017/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13932

English Abstract

French Abstract

Legal Status (Type, Date, Text)

Publication 20020117 A2 with declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Examination 20021010 Request for preliminary examination prior to end of 19th month from priority date

>>>Format 69 is not valid in file 348

5/69/5 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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0011225434 - Drawing available

WPI ACC NO: 2002-164727/

XRPX Acc No: N2002-125698

Computer implemented method for anonymous profiling of, and marketing to, anonymous users by allowing identity-revealing transactions involving products, services or information can occur only outside closed network or system

Patent Assignee: MASCARENHAS D (MASC-I); PROTIGEN INC (PROT-N)

Inventor: MASCARENHAS D

Patent Family (3 patents, 94 countries)

Patent Number	Kind	Date	Number	Kind	Date	Update
WO 2002005196	A2	20020117	WO 2001US41260	A	20010705	200221 B
US 20020019764	A1	20020214	US 2000216492	P	20000706	200221 E
			US 2001899489	A	20010705	
AU 200181294	A	20020121	AU 200181294	A	20010705	200234 E

Priority Applications (no., kind, date): US 2001899489 A 20010705; US 2000216492 P 20000706

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002005196	A2	EN	43	6	
National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
US 20020019764	A1	EN			Related to Provisional US 2000216492
AU 200181294	A	EN			Based on OPI patent WO 2002005196

**Alerting Abstract WO A2**

NOVELTY - A profile related to a unique identifier based on the user's activity and responses in the closed network or system are generated or maintained. The profile is used to market products, services or information to the user. The user's identity is never revealed to a part of the closed network or system. Identity-revealing transactions involving the products, services or information can occur only outside the closed network or system.

**DESCRIPTION - INDEPENDENT CLAIMS are included for:**

1.a computer program product

2.a system for matching anonymous user with information

USE - In a computer-implemented system for having anonymous transaction-related activities and user classification performed in a closed or restricted data network, particularly on the Internet.

ADVANTAGE - Enables a user to log into a Web site within a closed network anonymously, have the user be profiled without revealing the user's real identity, having the system gather information about such anonymous user, and having the system create and maintain a user profile for such anonymous user. Allows for a system of representational or tokenized value which can be utilized in transactions independently initiated by the user outside the closed system, in which the user's real identity can never be linked to the original profile.

DESCRIPTION OF DRAWINGS - The drawing illustrates the basic steps to employ the features of an anonymous trust provider according to the present invention.

**Title Terms/Index Terms/Additional Words:** COMPUTER; IMPLEMENT; METHOD; PROFILE; MARKET; USER; ALLOW; IDENTIFY; REVEAL; TRANSACTION; PRODUCT; SERVICE; INFORMATION; CAN; OCCUR; CLOSE; NETWORK; SYSTEM

**Class Codes**

International Classification (Main): G06F-017/60

File Segment: EPI;

DWPI Class: T01

Manual Codes (EPI/S-X): T01-N01A2C; T01-S03